



FCC EMI TEST REPORT

FCC ID : PY7-16813Y
Equipment : GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII
a/b/g/n/ac/ax, GPS, WPC and NFC
Brand Name : Sony
Applicant : Sony Corporation
1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Manufacturer : Sony Corporation
1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Standard : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Mar. 08, 2021 and testing was started from Mar. 16, 2021 and completed on Apr. 01, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

| Report No. | Version | Description | Issued Date |
|------------|---------|---------------------------------------------------------------------------|---------------|
| FC0D2217 | 01 | Initial issue of report | Apr. 09, 2021 |
| FC0D2217 | 02 | 1. Add the description in Remark of Test Mode 2. Update Accessory List | Apr. 14, 2021 |
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Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|---------------|-----------------|-----------------------|--------------------|-----------------------------------------|
| 3.1 | 15.107 | AC Conducted Emission | Pass | Under limit 7.76 dB at 0.152 MHz |
| 3.2 | 15.109 | Radiated Emission | Pass | Under limit 4.25 dB at 32.910 MHz |

| |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Declaration of Conformity: |
| The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. |
| Comments and Explanations: |
| The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification. |

Reviewed by: Dara Chiu

Report Producer: Tina Chuang



1. General Description

1.1. Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n/ac/ax, NFC, FM Receiver, WPC/WPT and GNSS.

| Product Specification subjective to this standard | |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Type | WWAN: Loop Antenna WLAN: <Chain 0>: Loop Antenna <Chain 1>: Monopole Antenna Bluetooth: Loop Antenna GPS/Glonass/Galileo/BDS: Loop Antenna NFC: Loop Antenna WPC/WPT: Loop Antenna FM: Using earphone as Antenna |

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

| EUT Information List | | | |
|----------------------|------------|------------|-----------------------------------------|
| HW Version | SW Version | S/N | Performed Test Item |
| A | 0.505 | QV7200KK6J | Conducted Emission Radiated Emission |

| Accessory List | |
|---------------------------|----------------------|
| AC Adapter | Model Name : XQZ-UC1 |
| | S/N : 0020W51300024 |
| Earphone | Model Name : STH40D |
| | S/N : N/A |
| Bluetooth Earphone | Model Name : SBH82D |
| | S/N : N/A |
| USB Cable | Model Name : XQZ-UB1 |
| | S/N : N/A |
| Wireless Charger | Model Name : F7U050 |
| | S/N : 26S10EHC828473 |
| | FCC ID : K7SF7U050 |

Note:

- Above EUT list used are electrically identical per declared by manufacturer.
- Above the accessories list are used to exercise the EUT during test, and the serial number of each type of accessories is listed in each section of this report. .
- For other wireless features of this EUT, test report will be issued separately.

1.2. Modification of EUT

No modifications are made to the EUT during all test items.

1.3. Test Location

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Test Site | Sporton International Inc. EMC & Wireless Communications Laboratory |
| Test Site Location | No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978 |
| Test Site No. | Sporton Site No. CO05-HY |

| | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Site | Sporton International Inc. Wensan Laboratory |
| Test Site Location | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855 |
| Test Site No. | Sporton Site No. 03CH10-HY (TAF Code: 3786) |
| Remark | The Radiated Emission test item subcontracted to Sporton International Inc. Wensan Laboratory |

FCC designation No.: TW1093 and TW1098

1.4. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC 47 CFR FCC Part 15 Subpart B Class B
- ♦ ANSI C63.4-2014

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2. Test Configuration of Equipment Under Test

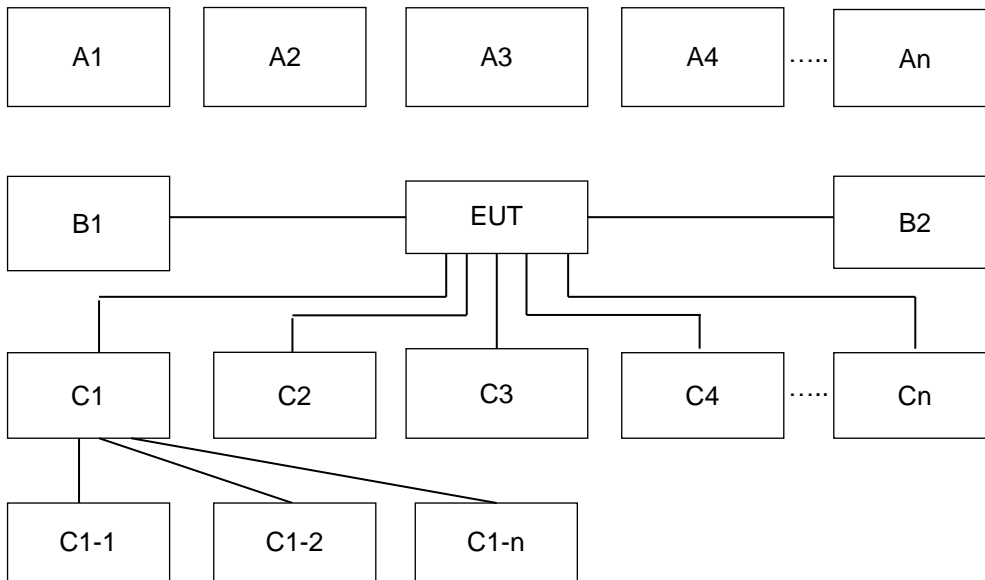
2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

| Test Items | Function Type |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AC Conducted Emission | Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter) Mode 2: WCDMA Band V (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter) Mode 3: LTE Band 5 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG 4 + Earphone + Battery + USB Cable (Charging from Adapter) Mode 4: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + Battery + USB Cable (Charging from Adapter) Mode 5: LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + Battery + WPC Charging pad (Charging from Adapter) Mode 6: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook) Mode 7: LTE Band 12 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + FM (Middle Channel) Rx + Earphone + Battery + USB Cable (Charging from Adapter) |
| Radiated Emissions | Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter) Mode 2: WCDMA Band V (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter) Mode 3: LTE Band 5 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG 4 + Earphone + Battery + USB Cable (Charging from Adapter) Mode 4: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + Battery + WPT Charging with Phone Mode 5: LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + Battery + WPC Charging pad (Charging from Adapter) Mode 6: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook) Mode 7: LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + FM (Middle Channel) Rx + Earphone + Battery + USB Cable (Charging from Adapter) |
| Remark: 1. For radiation emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 5/12/13/17/FM); only the worst case for cellular band test data of this mode was reported. 2. Data Link with Notebook means data application transferred mode between EUT and Notebook 3. For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane and WPC Charging Mode) were recorded in this report. | |

2.2. Connection Diagram of Test System



| Conduction Test Setup | | | | | | | | | |
|-----------------------|-------------------|-----------------------------------|-----------|---|---|---|---|---|---|
| No. | Wireless Station | Connection Type | Test Mode | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| A1 | BT Earphone | Bluetooth | X | X | X | X | X | - | X |
| A2 | System Simulator | GSM/WCDMA/LTE/ FM | X | X | X | X | X | - | X |
| A3 | GPS Station | GPS | - | - | - | - | X | - | - |
| A4 | AP router | WiFi | X | X | X | X | X | - | X |
| A5 | WPC pad | WPC | - | - | - | - | X | - | - |
| No. | Power Source | Connection Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| B1 | AC : 120V/60Hz | Type C Cable | X | X | X | X | - | - | X |
| B2 | Power from system | Type C Cable | - | - | - | - | - | X | - |
| B3 | Power from WPC | AC Power Cable | - | - | - | - | X | - | - |
| No. | Setup Peripherals | Connection Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| C1 | Notebook | Type C Cable | - | - | - | - | - | X | - |
| C1-1 | iPod | USB Cable to C1 | - | - | - | - | - | X | - |
| C1-2 | AP router | RJ 45 Cable to C1 | - | - | - | - | - | X | - |
| C2 | Earphone | Earphone jack | X | X | X | X | X | X | X |
| C3 | SD card | SD I/O interface without Cable | X | X | X | X | X | X | X |

| Radiation Test Setup | | | | | | | | | |
|----------------------|-------------------|-----------------------------------|-----------|---|---|---|---|---|---|
| No. | Wireless Station | Connection Type | Test Mode | | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| A1 | BT Earphone | Bluetooth | X | X | X | X | X | - | X |
| A2 | System Simulator | GSM/WCDMA/LTE/ FM | X | X | X | X | X | - | X |
| A3 | GPS Station | GPS | - | - | - | - | X | - | - |
| A4 | AP router | WiFi | X | X | X | X | X | - | X |
| A5 | WPC | WPC | - | - | - | - | X | - | - |
| A6 | Phone | WPT | - | - | - | X | - | - | - |
| No. | Power Source | Connection Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| B1 | AC : 120V/60Hz | AC Power Cable | X | X | X | - | - | - | X |
| B2 | Power from system | Type C Cable | - | - | - | - | - | X | - |
| B3 | Power from WPC | AC Power Cable | - | - | - | - | X | - | - |
| No. | Setup Peripherals | Connection Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| C1 | Notebook | USB cable | - | - | - | - | - | X | - |
| C1-1 | iPod | USB Cable to C1 | - | - | - | - | - | X | - |
| C1-2 | AP router | RJ-45 Cable to C1 | - | - | - | - | - | X | - |
| C2 | Earphone | Earphone jack | X | X | X | X | X | X | X |
| C3 | SD card | SD I/O interface without Cable | X | X | X | X | X | X | X |

2.3. Support Unit used in test configuration and system

| Item | Equipment | Brand Name | Model Name | FCC ID | Data Cable | Power Cord |
|------|------------------|------------|---------------|-------------|-----------------|------------------------------------------------------------|
| 1. | System Simulator | Anritsu | MT8820C | N/A | N/A | Unshielded, 1.8 m |
| 2. | System Simulator | R&S | CMU 200 | N/A | N/A | Unshielded, 1.8 m |
| 3. | GPS Station | Pendulum | GSG-54 | N/A | N/A | Unshielded, 1.8 m |
| 4. | WLAN AP | ASUS | RT-AC66U | MSQ-RTAC66U | N/A | Unshielded, 1.8 m |
| 5. | iPod | Apple | A1285 | FCC DoC | Shielded, 1.0 m | N/A |
| 6. | Notebook | Dell | Latitude 3400 | FCC DoC | N/A | AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m |
| 7. | Notebook | Dell | Latitude5480 | FCC DoC | N/A | AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m |
| 8. | SD Card | SanDisk | MicroSD HC | FCC DoC | N/A | N/A |
| 9. | Phone | Sony | PDX-215 | PY7-16813Y | N/A | N/A |



2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE idle mode during the test. The EUT was synchronized with the BCCH, and had been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test:

1. Data application is transferred between Laptop and EUT via USB cable.
2. Execute "GPS Test" to make the EUT receive continuous signals from GPS station.
3. Execute "Video player" to play MPEG4 files.
4. Turn on camera to capture images.
5. Turn on NFC function
6. Turn on FM Receiver function

3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1. Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

<Class B>

| Frequency of emission (MHz) | Conducted limit (dBuV) | |
|-----------------------------|------------------------|-----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

*Decreases with the logarithm of the frequency.

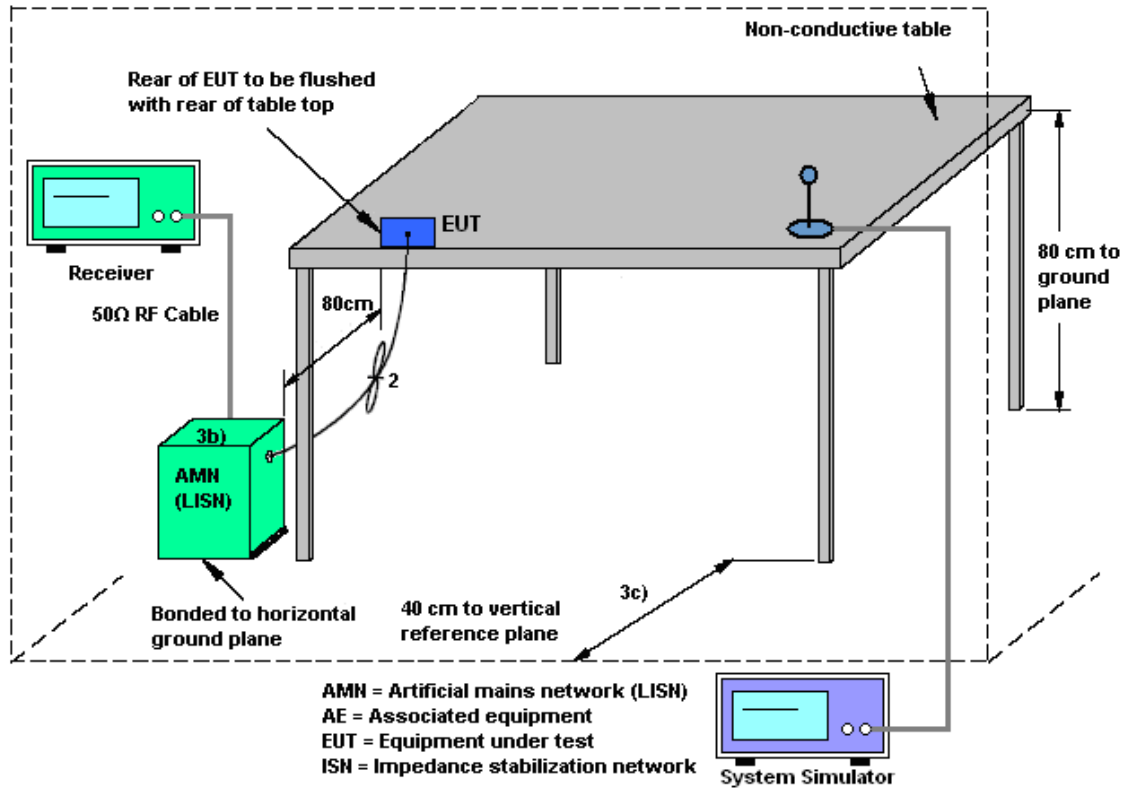
3.1.2. Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3. Test Procedure

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.1.4. Test Setup



3.1.5. Test Result of AC Conducted Emission

Please refer to Appendix A.



3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B>

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|-----------------|-----------------------------------|-------------------------------|
| 30 – 88 | 100 | 3 |
| 88 – 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

3.2.2. Measuring Instruments

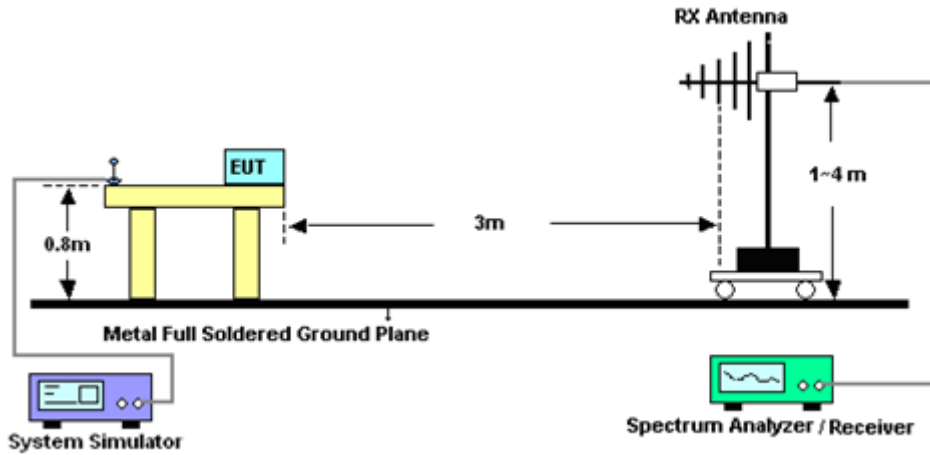
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

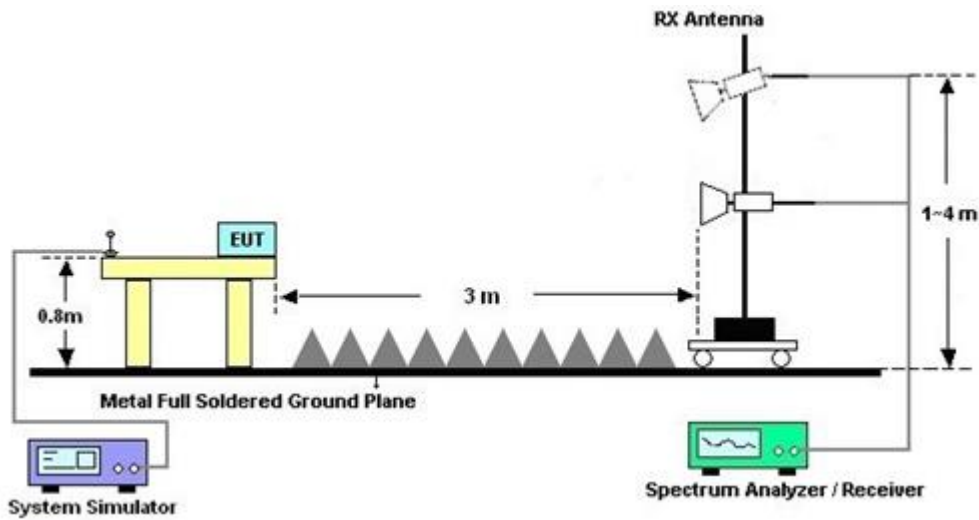
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dBµV/m) = 20 log Emission level (µV/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.



4. List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-------------------|-------------------|-----------------------------------|------------------------------------------|----------------------------------|------------------|---------------------------------|---------------|--------------------------|
| AC Power Source | ChainTek | APC-1000W | N/A | N/A | N/A | Mar. 16, 2021~ Apr. 01, 2021 | N/A | Conduction (CO05-HY) |
| EMI Test Receiver | Rohde & Schwarz | ESR3 | 102388 | 9kHz~3.6GHz | Nov. 30, 2020 | Mar. 16, 2021~ Apr. 01, 2021 | Nov. 29, 2021 | Conduction (CO05-HY) |
| Hygrometer | Testo | 608-H1 | 34913912 | N/A | Nov. 18, 2020 | Mar. 16, 2021~ Apr. 01, 2021 | Nov. 17, 2021 | Conduction (CO05-HY) |
| LISN | Rohde & Schwarz | ENV216 | 100080 | 9kHz~30MHz | Dec. 01, 2020 | Mar. 16, 2021~ Apr. 01, 2021 | Nov. 30, 2021 | Conduction (CO05-HY) |
| LISN | Rohde & Schwarz | ENV216 | 100081 | 9kHz~30MHz | Nov. 16, 2020 | Mar. 16, 2021~ Apr. 01, 2021 | Nov. 15, 2021 | Conduction (CO05-HY) |
| Software | Rohde & Schwarz | EMC32 V10.30 | N/A | N/A | N/A | Mar. 16, 2021~ Apr. 01, 2021 | N/A | Conduction (CO05-HY) |
| LISN Cable | MVE | RG-400 | 260260 | N/A | Dec. 31, 2020 | Mar. 16, 2021~ Apr. 01, 2021 | Dec. 30, 2021 | Conduction (CO05-HY) |
| Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100851 | N/A | Feb. 25, 2021 | Mar. 16, 2021~ Apr. 01, 2021 | Feb. 24, 2022 | Conduction (CO05-HY) |
| Amplifier | SONOMA | 310N | 187311 | 9kHz~1GHz | Oct. 21, 2020 | Mar. 17, 2021~ Mar. 31, 2021 | Oct. 20, 2021 | Radiation (03CH10-HY) |
| Bilog Antenna | TESEQ | CBL 6111D & 00800N1D01N -06 | 35413 & 02 | 30MHz~1GHz | Feb. 10, 2021 | Mar. 17, 2021~ Mar. 31, 2021 | Feb. 09, 2022 | Radiation (03CH10-HY) |
| Horn Antenna | SCHWARZBECK | BBHA 9120 D | 9120D-02114 | 1GHz~18GHz | Aug. 04, 2020 | Mar. 17, 2021~ Mar. 31, 2021 | Aug. 03, 2021 | Radiation (03CH10-HY) |
| Preamplifier | Jet-Power | JAP00101800- 30-10P | 160118550004 | 1GHz~18GHz | Mar. 01, 2021 | Mar. 17, 2021~ Mar. 31, 2021 | Feb. 28, 2022 | Radiation (03CH10-HY) |
| Spectrum Analyzer | Keysight | N9010A | MY53470118 | 10Hz~44GHz | Jan. 15, 2021 | Mar. 17, 2021~ Mar. 31, 2021 | Jan. 14, 2022 | Radiation (03CH10-HY) |
| Controller | EMEC | EM 1000 | N/A | Control Turn table & Ant Mast | N/A | Mar. 17, 2021~ Mar. 31, 2021 | N/A | Radiation (03CH10-HY) |
| Antenna Mast | EMEC | AM-BS-4500-B | N/A | 1~4m | N/A | Mar. 17, 2021~ Mar. 31, 2021 | N/A | Radiation (03CH10-HY) |
| Turn Table | EMEC | TT 2200 | N/A | 0~360 Degree | N/A | Mar. 17, 2021~ Mar. 31, 2021 | N/A | Radiation (03CH10-HY) |
| Software | Audix | E3 6.2009-8-24 | RK-001042 | N/A | N/A | Mar. 17, 2021~ Mar. 31, 2021 | N/A | Radiation (03CH10-HY) |
| EMI Test Receiver | Agilent | N9038A(MXE) | MY55420170 | 20MHz~8.4GHz | May 21, 2020 | Mar. 17, 2021~ Mar. 31, 2021 | May 20, 2021 | Radiation (03CH10-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 / 102 | MY11692/4PE, MY11693/4PE, MY2855/2 | 30MHz~1GHz | Nov. 06, 2020 | Mar. 17, 2021~ Mar. 31, 2021 | Nov. 05, 2021 | Radiation (03CH10-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 / 102 | MY11692/4PE, MY11693/4PE, MY2855/2 | 1GHz~18GHz | Nov. 06, 2020 | Mar. 17, 2021~ Mar. 31, 2021 | Nov. 05, 2021 | Radiation (03CH10-HY) |



5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

| | |
|-------------------------------------------------------------------------|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 2.3 |
|-------------------------------------------------------------------------|-----|

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| | |
|-------------------------------------------------------------------------|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 4.7 |
|-------------------------------------------------------------------------|-----|

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

| | |
|-------------------------------------------------------------------------|-----|
| Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$) | 5.1 |
|-------------------------------------------------------------------------|-----|



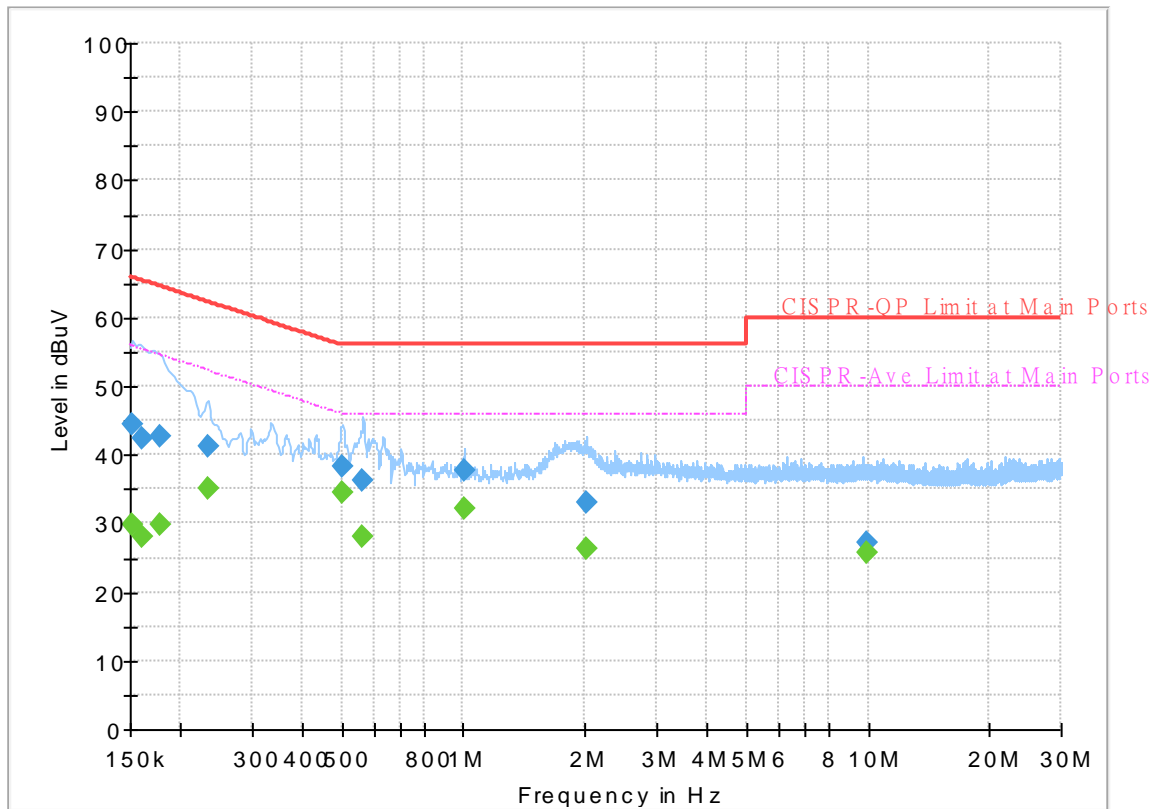
Appendix A. AC Conducted Emission Test Results

| | | | |
|-----------------|---------|---------------------|---------|
| Test Engineer : | Tom Lee | Temperature : | 23~26°C |
| | | Relative Humidity : | 40~50% |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



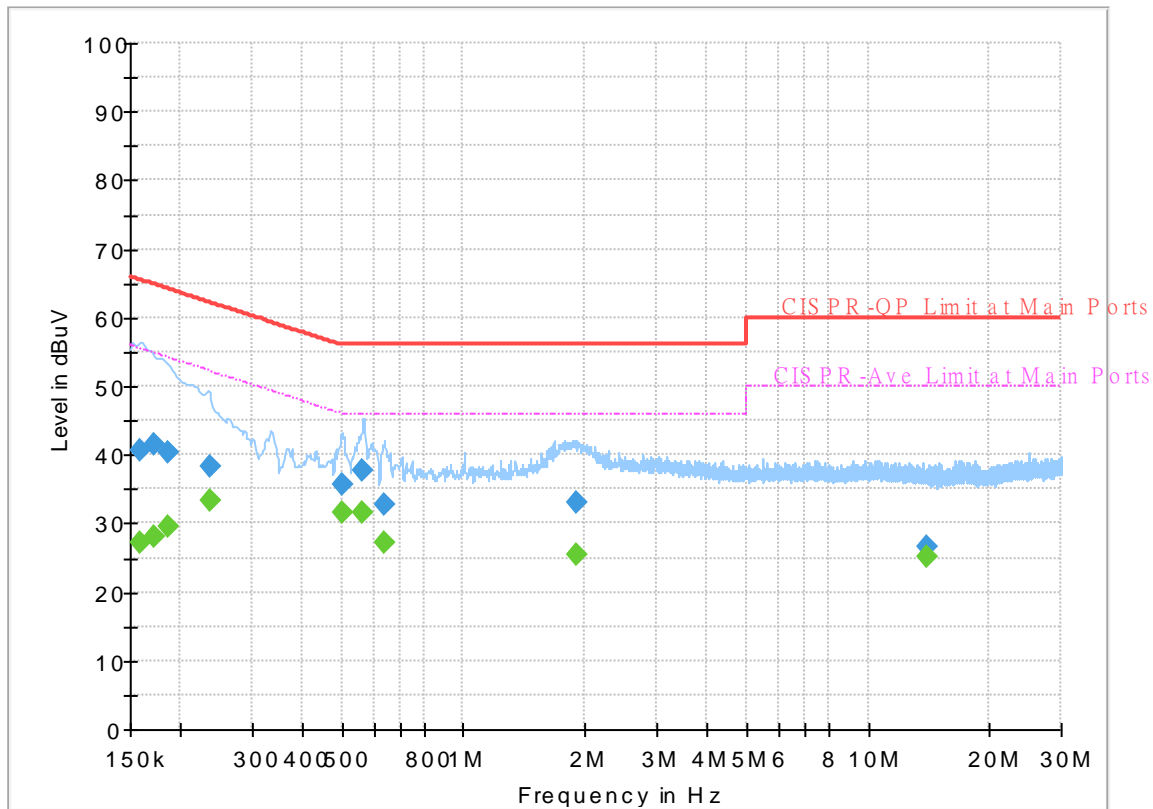
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 29.77 | 55.88 | 26.11 | L1 | OFF | 19.7 |
| 0.152250 | 44.47 | --- | 65.88 | 21.41 | L1 | OFF | 19.7 |
| 0.161250 | --- | 27.96 | 55.40 | 27.44 | L1 | OFF | 19.7 |
| 0.161250 | 42.27 | --- | 65.40 | 23.13 | L1 | OFF | 19.7 |
| 0.177000 | --- | 29.95 | 54.63 | 24.68 | L1 | OFF | 19.7 |
| 0.177000 | 42.66 | --- | 64.63 | 21.97 | L1 | OFF | 19.7 |
| 0.233250 | --- | 35.12 | 52.33 | 17.21 | L1 | OFF | 19.7 |
| 0.233250 | 41.31 | --- | 62.33 | 21.02 | L1 | OFF | 19.7 |
| 0.501000 | --- | 34.47 | 46.00 | 11.53 | L1 | OFF | 19.9 |
| 0.501000 | 38.43 | --- | 56.00 | 17.57 | L1 | OFF | 19.9 |
| 0.561750 | --- | 28.21 | 46.00 | 17.79 | L1 | OFF | 19.9 |
| 0.561750 | 36.23 | --- | 56.00 | 19.77 | L1 | OFF | 19.9 |
| 1.000500 | --- | 32.05 | 46.00 | 13.95 | L1 | OFF | 20.3 |
| 1.000500 | 37.69 | --- | 56.00 | 18.31 | L1 | OFF | 20.3 |
| 2.006250 | --- | 26.27 | 46.00 | 19.73 | L1 | OFF | 20.2 |
| 2.006250 | 33.06 | --- | 56.00 | 22.94 | L1 | OFF | 20.2 |
| 9.946500 | --- | 25.60 | 50.00 | 24.40 | L1 | OFF | 20.2 |
| 9.946500 | 27.05 | --- | 60.00 | 32.95 | L1 | OFF | 20.2 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



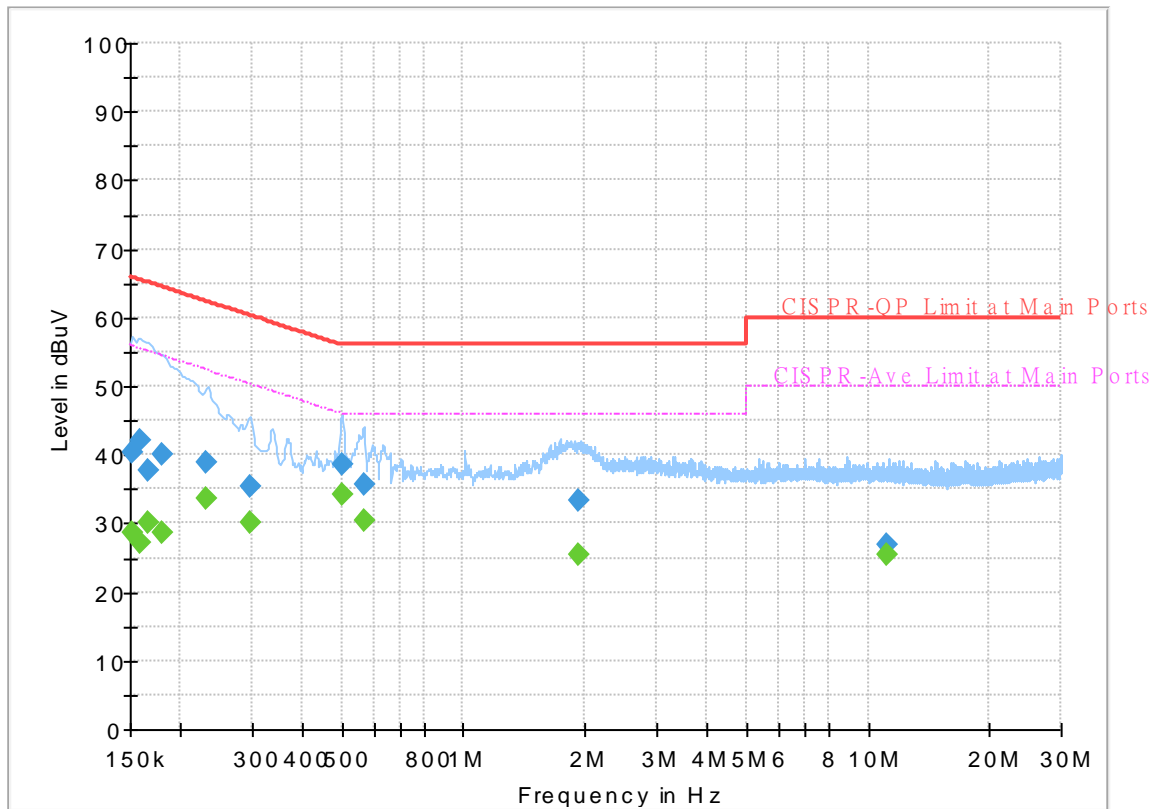
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.159000 | --- | 27.22 | 55.52 | 28.30 | N | OFF | 19.7 |
| 0.159000 | 40.78 | --- | 65.52 | 24.74 | N | OFF | 19.7 |
| 0.172500 | --- | 28.11 | 54.84 | 26.73 | N | OFF | 19.7 |
| 0.172500 | 41.42 | --- | 64.84 | 23.42 | N | OFF | 19.7 |
| 0.186000 | --- | 29.42 | 54.21 | 24.79 | N | OFF | 19.7 |
| 0.186000 | 40.37 | --- | 64.21 | 23.84 | N | OFF | 19.7 |
| 0.235500 | --- | 33.41 | 52.25 | 18.84 | N | OFF | 19.8 |
| 0.235500 | 38.27 | --- | 62.25 | 23.98 | N | OFF | 19.8 |
| 0.501000 | --- | 31.51 | 46.00 | 14.49 | N | OFF | 19.9 |
| 0.501000 | 35.80 | --- | 56.00 | 20.20 | N | OFF | 19.9 |
| 0.564000 | --- | 31.63 | 46.00 | 14.37 | N | OFF | 20.0 |
| 0.564000 | 37.74 | --- | 56.00 | 18.26 | N | OFF | 20.0 |
| 0.640500 | --- | 27.06 | 46.00 | 18.94 | N | OFF | 20.0 |
| 0.640500 | 32.87 | --- | 56.00 | 23.13 | N | OFF | 20.0 |
| 1.907250 | --- | 25.47 | 46.00 | 20.53 | N | OFF | 20.3 |
| 1.907250 | 33.12 | --- | 56.00 | 22.88 | N | OFF | 20.3 |
| 14.057250 | --- | 25.19 | 50.00 | 24.81 | N | OFF | 20.4 |
| 14.057250 | 26.66 | --- | 60.00 | 33.34 | N | OFF | 20.4 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



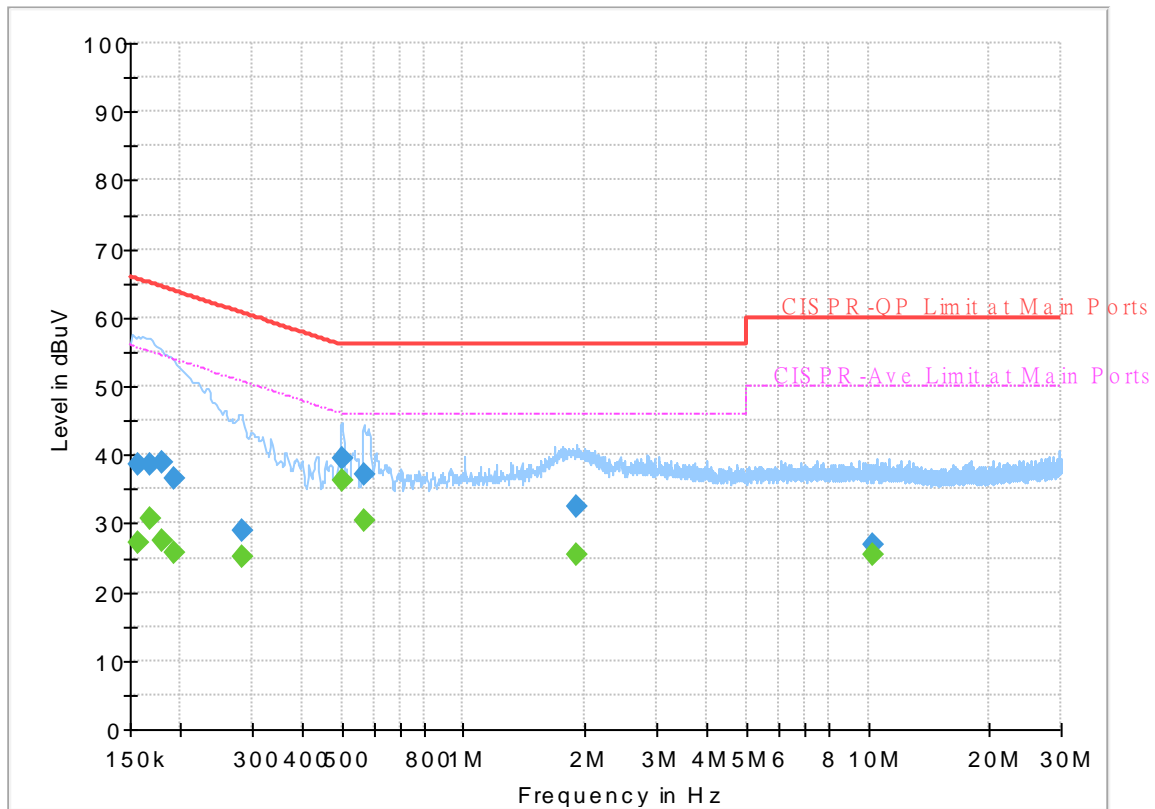
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 28.58 | 55.88 | 27.30 | L1 | OFF | 19.7 |
| 0.152250 | 40.42 | --- | 65.88 | 25.46 | L1 | OFF | 19.7 |
| 0.159000 | --- | 27.14 | 55.52 | 28.38 | L1 | OFF | 19.7 |
| 0.159000 | 42.04 | --- | 65.52 | 23.48 | L1 | OFF | 19.7 |
| 0.165750 | --- | 30.17 | 55.17 | 25.00 | L1 | OFF | 19.7 |
| 0.165750 | 37.78 | --- | 65.17 | 27.39 | L1 | OFF | 19.7 |
| 0.179250 | --- | 28.60 | 54.52 | 25.92 | L1 | OFF | 19.7 |
| 0.179250 | 40.07 | --- | 64.52 | 24.45 | L1 | OFF | 19.7 |
| 0.231000 | --- | 33.60 | 52.41 | 18.81 | L1 | OFF | 19.7 |
| 0.231000 | 38.91 | --- | 62.41 | 23.50 | L1 | OFF | 19.7 |
| 0.296250 | --- | 30.08 | 50.35 | 20.27 | L1 | OFF | 19.7 |
| 0.296250 | 35.32 | --- | 60.35 | 25.03 | L1 | OFF | 19.7 |
| 0.501000 | --- | 34.30 | 46.00 | 11.70 | L1 | OFF | 19.9 |
| 0.501000 | 38.54 | --- | 56.00 | 17.46 | L1 | OFF | 19.9 |
| 0.568500 | --- | 30.29 | 46.00 | 15.71 | L1 | OFF | 19.9 |
| 0.568500 | 35.59 | --- | 56.00 | 20.41 | L1 | OFF | 19.9 |
| 1.918500 | --- | 25.45 | 46.00 | 20.55 | L1 | OFF | 20.2 |
| 1.918500 | 33.32 | --- | 56.00 | 22.68 | L1 | OFF | 20.2 |
| 11.190750 | --- | 25.50 | 50.00 | 24.50 | L1 | OFF | 20.2 |
| 11.190750 | 27.03 | --- | 60.00 | 32.97 | L1 | OFF | 20.2 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



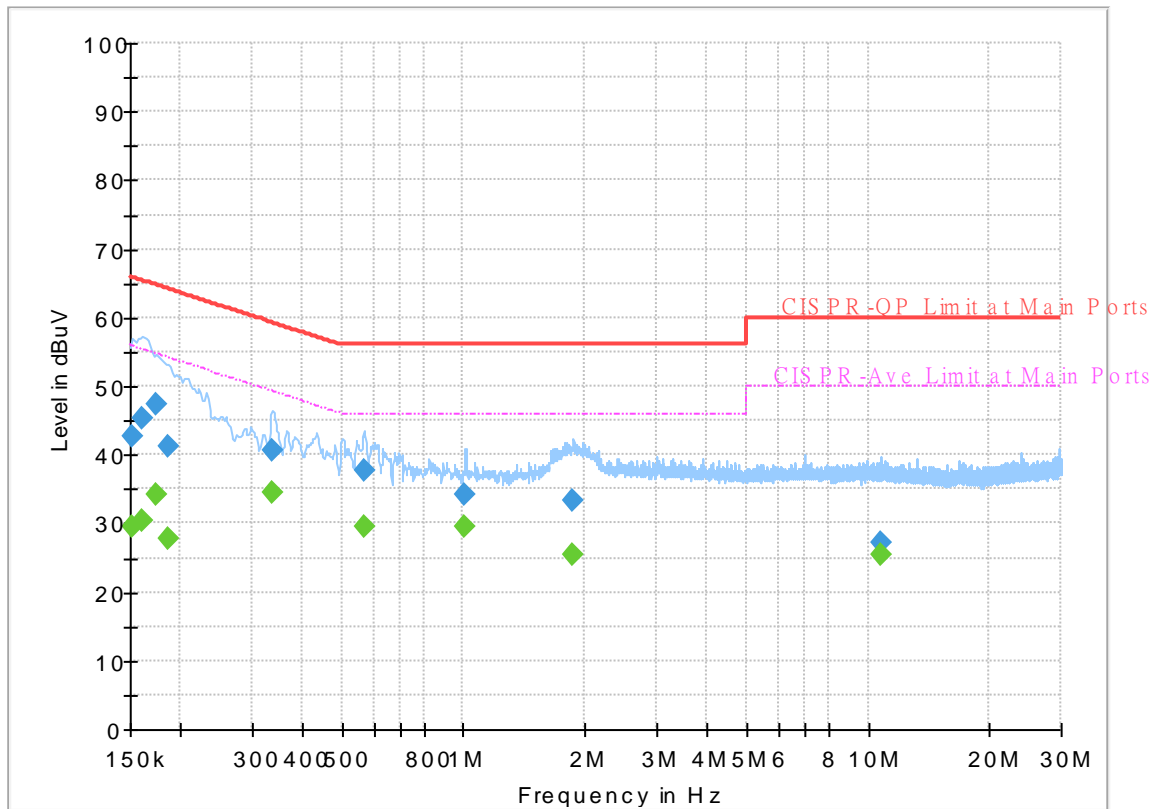
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.156750 | --- | 27.12 | 55.63 | 28.51 | N | OFF | 19.7 |
| 0.156750 | 38.68 | --- | 65.63 | 26.95 | N | OFF | 19.7 |
| 0.168000 | --- | 30.78 | 55.06 | 24.28 | N | OFF | 19.7 |
| 0.168000 | 38.47 | --- | 65.06 | 26.59 | N | OFF | 19.7 |
| 0.179250 | --- | 27.40 | 54.52 | 27.12 | N | OFF | 19.7 |
| 0.179250 | 38.82 | --- | 64.52 | 25.70 | N | OFF | 19.7 |
| 0.192750 | --- | 25.62 | 53.92 | 28.30 | N | OFF | 19.7 |
| 0.192750 | 36.61 | --- | 63.92 | 27.31 | N | OFF | 19.7 |
| 0.282750 | --- | 25.18 | 50.74 | 25.56 | N | OFF | 19.8 |
| 0.282750 | 28.94 | --- | 60.74 | 31.80 | N | OFF | 19.8 |
| 0.501000 | --- | 36.29 | 46.00 | 9.71 | N | OFF | 19.9 |
| 0.501000 | 39.45 | --- | 56.00 | 16.55 | N | OFF | 19.9 |
| 0.566250 | --- | 30.53 | 46.00 | 15.47 | N | OFF | 20.0 |
| 0.566250 | 37.26 | --- | 56.00 | 18.74 | N | OFF | 20.0 |
| 1.905000 | --- | 25.31 | 46.00 | 20.69 | N | OFF | 20.3 |
| 1.905000 | 32.35 | --- | 56.00 | 23.65 | N | OFF | 20.3 |
| 10.297500 | --- | 25.57 | 50.00 | 24.43 | N | OFF | 20.3 |
| 10.297500 | 26.99 | --- | 60.00 | 33.01 | N | OFF | 20.3 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 3
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



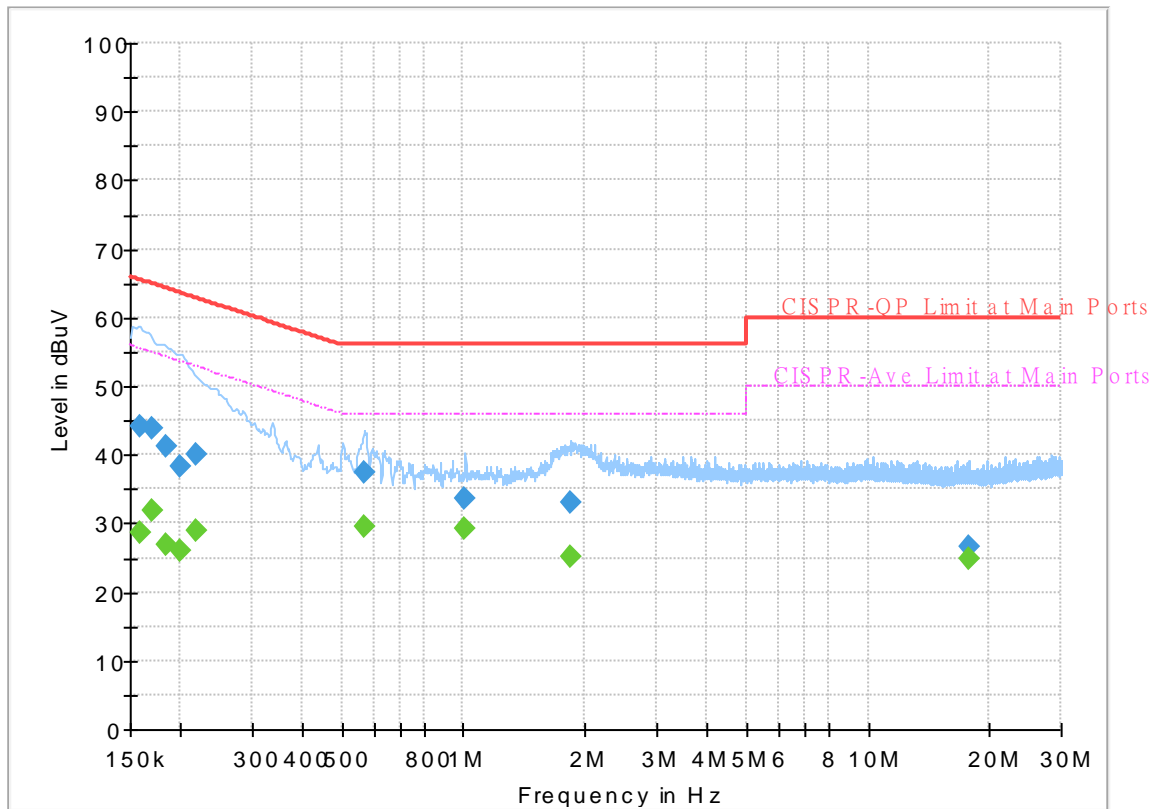
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 29.40 | 55.88 | 26.48 | L1 | OFF | 19.7 |
| 0.152250 | 42.75 | --- | 65.88 | 23.13 | L1 | OFF | 19.7 |
| 0.161250 | --- | 30.31 | 55.40 | 25.09 | L1 | OFF | 19.7 |
| 0.161250 | 45.43 | --- | 65.40 | 19.97 | L1 | OFF | 19.7 |
| 0.174750 | --- | 34.22 | 54.73 | 20.51 | L1 | OFF | 19.7 |
| 0.174750 | 47.28 | --- | 64.73 | 17.45 | L1 | OFF | 19.7 |
| 0.186000 | --- | 27.69 | 54.21 | 26.52 | L1 | OFF | 19.7 |
| 0.186000 | 41.18 | --- | 64.21 | 23.03 | L1 | OFF | 19.7 |
| 0.336750 | --- | 34.56 | 49.28 | 14.72 | L1 | OFF | 19.7 |
| 0.336750 | 40.60 | --- | 59.28 | 18.68 | L1 | OFF | 19.7 |
| 0.566250 | --- | 29.62 | 46.00 | 16.38 | L1 | OFF | 19.9 |
| 0.566250 | 37.67 | --- | 56.00 | 18.33 | L1 | OFF | 19.9 |
| 1.009500 | --- | 29.60 | 46.00 | 16.40 | L1 | OFF | 20.3 |
| 1.009500 | 34.31 | --- | 56.00 | 21.69 | L1 | OFF | 20.3 |
| 1.871250 | --- | 25.44 | 46.00 | 20.56 | L1 | OFF | 20.2 |
| 1.871250 | 33.42 | --- | 56.00 | 22.58 | L1 | OFF | 20.2 |
| 10.729500 | --- | 25.56 | 50.00 | 24.44 | L1 | OFF | 20.2 |
| 10.729500 | 27.14 | --- | 60.00 | 32.86 | L1 | OFF | 20.2 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 3
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



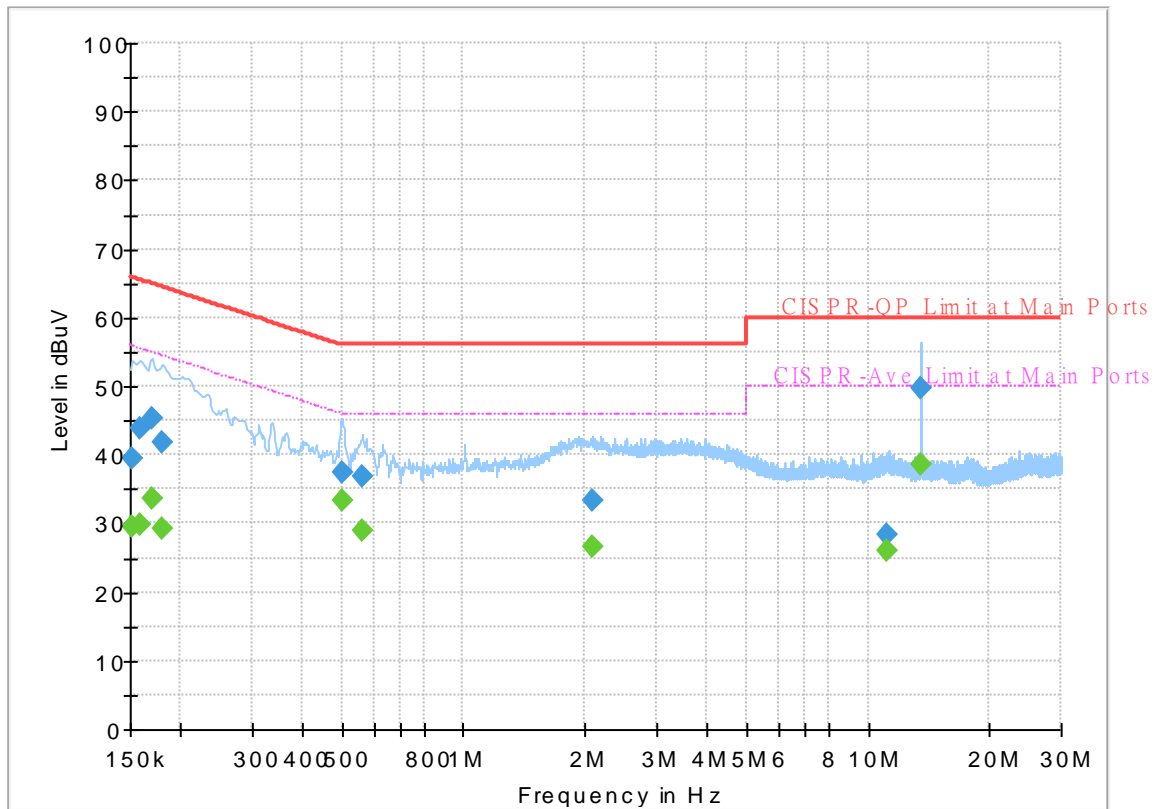
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.159000 | --- | 28.71 | 55.52 | 26.81 | N | OFF | 19.7 |
| 0.159000 | 44.23 | --- | 65.52 | 21.29 | N | OFF | 19.7 |
| 0.170250 | --- | 31.81 | 54.95 | 23.14 | N | OFF | 19.7 |
| 0.170250 | 43.93 | --- | 64.95 | 21.02 | N | OFF | 19.7 |
| 0.183750 | --- | 26.86 | 54.31 | 27.45 | N | OFF | 19.7 |
| 0.183750 | 41.27 | --- | 64.31 | 23.04 | N | OFF | 19.7 |
| 0.199500 | --- | 26.02 | 53.63 | 27.61 | N | OFF | 19.7 |
| 0.199500 | 38.41 | --- | 63.63 | 25.22 | N | OFF | 19.7 |
| 0.217500 | --- | 28.99 | 52.91 | 23.92 | N | OFF | 19.7 |
| 0.217500 | 39.94 | --- | 62.91 | 22.97 | N | OFF | 19.7 |
| 0.568500 | --- | 29.41 | 46.00 | 16.59 | N | OFF | 20.0 |
| 0.568500 | 37.37 | --- | 56.00 | 18.63 | N | OFF | 20.0 |
| 1.009500 | --- | 29.20 | 46.00 | 16.80 | N | OFF | 20.3 |
| 1.009500 | 33.75 | --- | 56.00 | 22.25 | N | OFF | 20.3 |
| 1.835250 | --- | 25.24 | 46.00 | 20.76 | N | OFF | 20.3 |
| 1.835250 | 33.00 | --- | 56.00 | 23.00 | N | OFF | 20.3 |
| 17.697750 | --- | 24.94 | 50.00 | 25.06 | N | OFF | 20.6 |
| 17.697750 | 26.75 | --- | 60.00 | 33.25 | N | OFF | 20.6 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 4
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



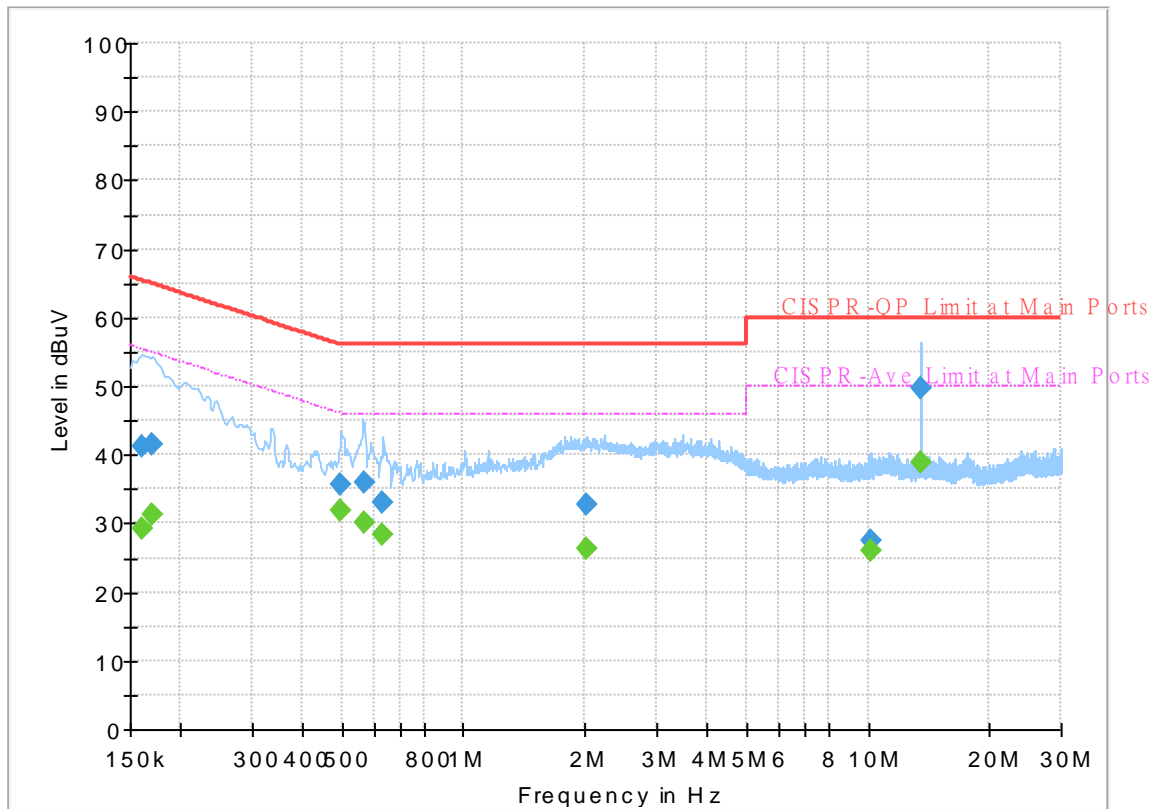
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 29.52 | 55.88 | 26.36 | L1 | OFF | 19.7 |
| 0.152250 | 39.55 | --- | 65.88 | 26.33 | L1 | OFF | 19.7 |
| 0.159000 | --- | 29.87 | 55.52 | 25.65 | L1 | OFF | 19.7 |
| 0.159000 | 43.96 | --- | 65.52 | 21.56 | L1 | OFF | 19.7 |
| 0.170250 | --- | 33.58 | 54.95 | 21.37 | L1 | OFF | 19.7 |
| 0.170250 | 45.31 | --- | 64.95 | 19.64 | L1 | OFF | 19.7 |
| 0.179250 | --- | 29.32 | 54.52 | 25.20 | L1 | OFF | 19.7 |
| 0.179250 | 41.88 | --- | 64.52 | 22.64 | L1 | OFF | 19.7 |
| 0.501000 | --- | 33.24 | 46.00 | 12.76 | L1 | OFF | 19.9 |
| 0.501000 | 37.35 | --- | 56.00 | 18.65 | L1 | OFF | 19.9 |
| 0.561750 | --- | 28.94 | 46.00 | 17.06 | L1 | OFF | 19.9 |
| 0.561750 | 36.82 | --- | 56.00 | 19.18 | L1 | OFF | 19.9 |
| 2.076000 | --- | 26.64 | 46.00 | 19.36 | L1 | OFF | 20.2 |
| 2.076000 | 33.21 | --- | 56.00 | 22.79 | L1 | OFF | 20.2 |
| 11.098500 | --- | 26.03 | 50.00 | 23.97 | L1 | OFF | 20.2 |
| 11.098500 | 28.32 | --- | 60.00 | 31.68 | L1 | OFF | 20.2 |
| 13.560000 | --- | 38.72 | 50.00 | 11.28 | L1 | OFF | 20.3 |
| 13.560000 | 49.71 | --- | 60.00 | 10.29 | L1 | OFF | 20.3 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 4
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



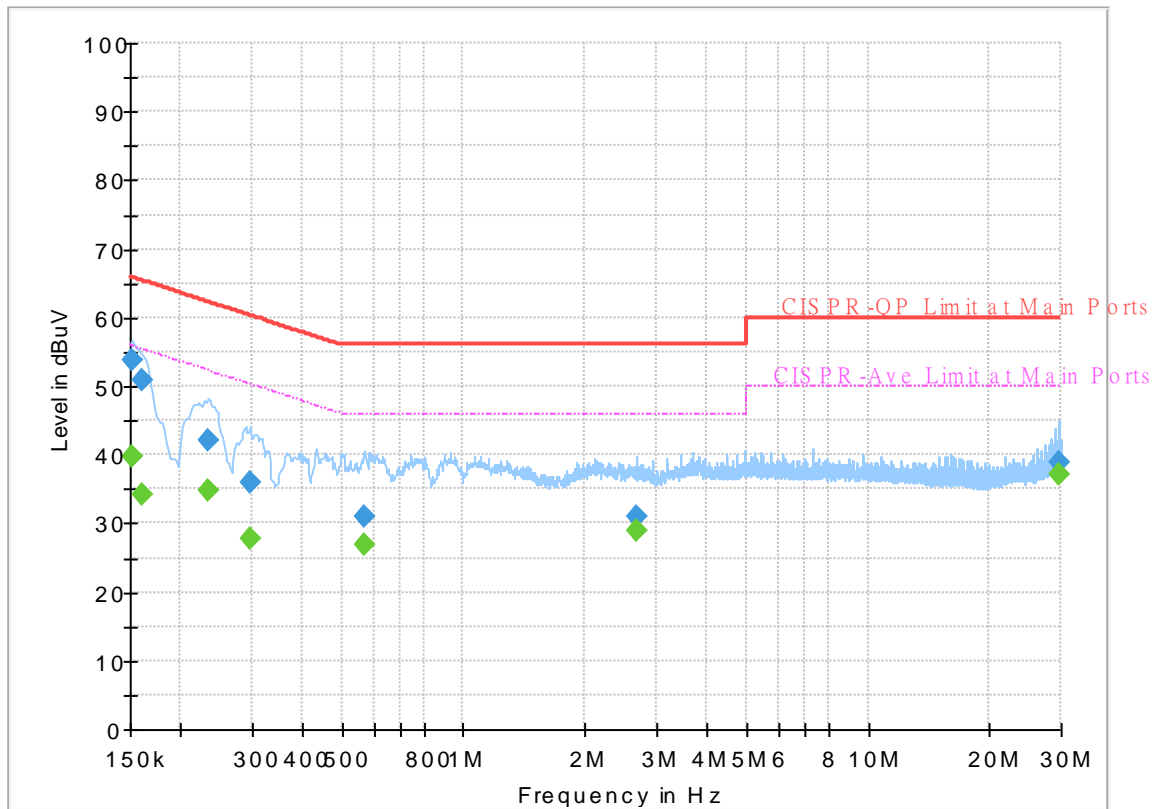
Final Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.161250 | 41.18 | --- | 65.40 | 24.22 | N | OFF | 19.7 |
| 0.161250 | --- | 29.16 | 55.40 | 26.24 | N | OFF | 19.7 |
| 0.170250 | 41.64 | --- | 64.95 | 23.31 | N | OFF | 19.7 |
| 0.170250 | --- | 31.30 | 54.95 | 23.65 | N | OFF | 19.7 |
| 0.498750 | 35.71 | --- | 56.02 | 20.31 | N | OFF | 19.9 |
| 0.498750 | --- | 31.96 | 46.02 | 14.06 | N | OFF | 19.9 |
| 0.568500 | 36.08 | --- | 56.00 | 19.92 | N | OFF | 20.0 |
| 0.568500 | --- | 30.17 | 46.00 | 15.83 | N | OFF | 20.0 |
| 0.633750 | 33.12 | --- | 56.00 | 22.88 | N | OFF | 20.0 |
| 0.633750 | --- | 28.24 | 46.00 | 17.76 | N | OFF | 20.0 |
| 2.026500 | 32.88 | --- | 56.00 | 23.12 | N | OFF | 20.2 |
| 2.026500 | --- | 26.33 | 46.00 | 19.67 | N | OFF | 20.2 |
| 10.173750 | 27.61 | --- | 60.00 | 32.39 | N | OFF | 20.2 |
| 10.173750 | --- | 25.90 | 50.00 | 24.10 | N | OFF | 20.2 |
| 13.560000 | 49.85 | --- | 60.00 | 10.15 | N | OFF | 20.4 |
| 13.560000 | --- | 38.85 | 50.00 | 11.15 | N | OFF | 20.4 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 5
 Test Voltage : Power From WPC
 Phase : Line

Full Spectrum



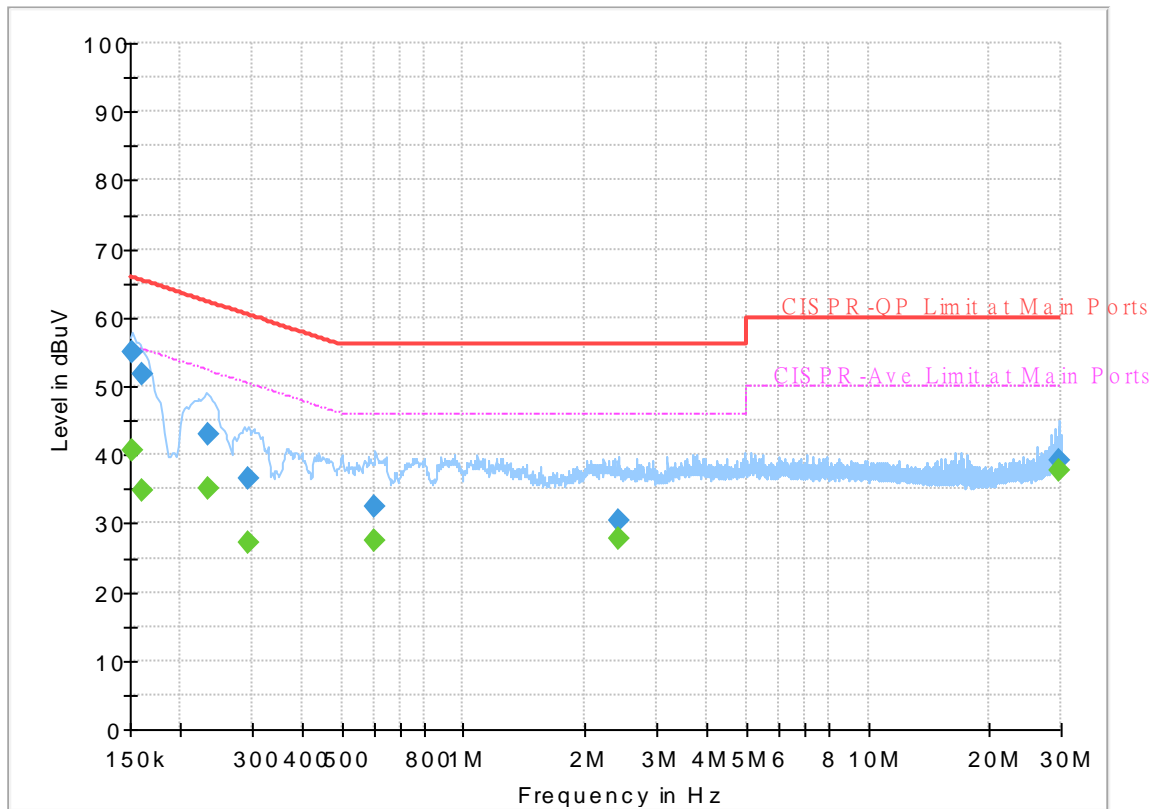
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 39.82 | 55.88 | 16.06 | L1 | OFF | 19.7 |
| 0.152250 | 53.90 | --- | 65.88 | 11.98 | L1 | OFF | 19.7 |
| 0.161250 | --- | 34.23 | 55.40 | 21.17 | L1 | OFF | 19.7 |
| 0.161250 | 50.91 | --- | 65.40 | 14.49 | L1 | OFF | 19.7 |
| 0.233250 | --- | 34.76 | 52.33 | 17.57 | L1 | OFF | 19.7 |
| 0.233250 | 42.04 | --- | 62.33 | 20.29 | L1 | OFF | 19.7 |
| 0.296250 | --- | 27.67 | 50.35 | 22.68 | L1 | OFF | 19.7 |
| 0.296250 | 35.97 | --- | 60.35 | 24.38 | L1 | OFF | 19.7 |
| 0.566250 | --- | 26.80 | 46.00 | 19.20 | L1 | OFF | 19.9 |
| 0.566250 | 31.14 | --- | 56.00 | 24.86 | L1 | OFF | 19.9 |
| 2.681250 | --- | 28.81 | 46.00 | 17.19 | L1 | OFF | 20.2 |
| 2.681250 | 31.11 | --- | 56.00 | 24.89 | L1 | OFF | 20.2 |
| 29.697000 | --- | 37.00 | 50.00 | 13.00 | L1 | OFF | 20.8 |
| 29.697000 | 38.88 | --- | 60.00 | 21.12 | L1 | OFF | 20.8 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 5
 Test Voltage : Power From WPC
 Phase : Neutral

Full Spectrum



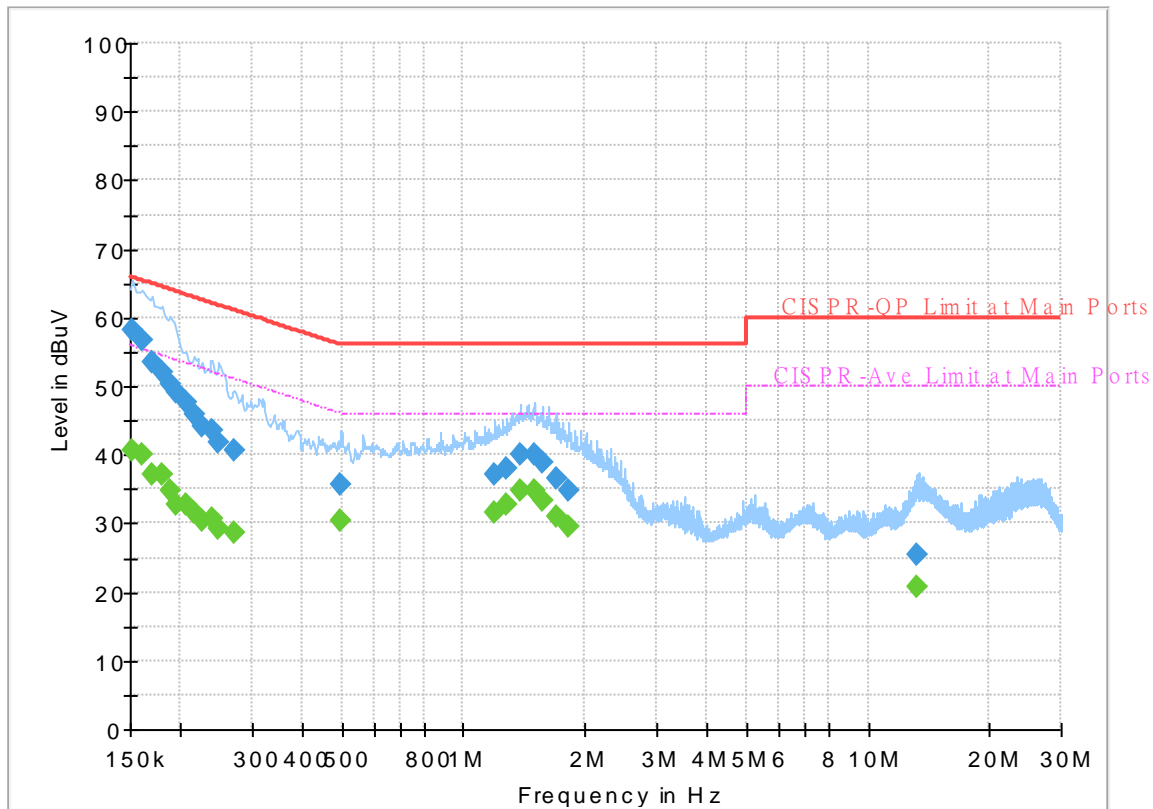
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 40.58 | 55.88 | 15.30 | N | OFF | 19.7 |
| 0.152250 | 54.90 | --- | 65.88 | 10.98 | N | OFF | 19.7 |
| 0.161250 | --- | 34.76 | 55.40 | 20.64 | N | OFF | 19.7 |
| 0.161250 | 51.61 | --- | 65.40 | 13.79 | N | OFF | 19.7 |
| 0.233250 | --- | 35.02 | 52.33 | 17.31 | N | OFF | 19.7 |
| 0.233250 | 43.11 | --- | 62.33 | 19.22 | N | OFF | 19.7 |
| 0.294000 | --- | 27.07 | 50.41 | 23.34 | N | OFF | 19.8 |
| 0.294000 | 36.69 | --- | 60.41 | 23.72 | N | OFF | 19.8 |
| 0.604500 | --- | 27.60 | 46.00 | 18.40 | N | OFF | 20.0 |
| 0.604500 | 32.60 | --- | 56.00 | 23.40 | N | OFF | 20.0 |
| 2.427000 | --- | 27.81 | 46.00 | 18.19 | N | OFF | 20.2 |
| 2.427000 | 30.36 | --- | 56.00 | 25.64 | N | OFF | 20.2 |
| 29.697000 | --- | 37.60 | 50.00 | 12.40 | N | OFF | 21.0 |
| 29.697000 | 39.31 | --- | 60.00 | 20.69 | N | OFF | 21.0 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 6
 Test Voltage : Power From System
 Phase : Line

Full Spectrum



Final_Result

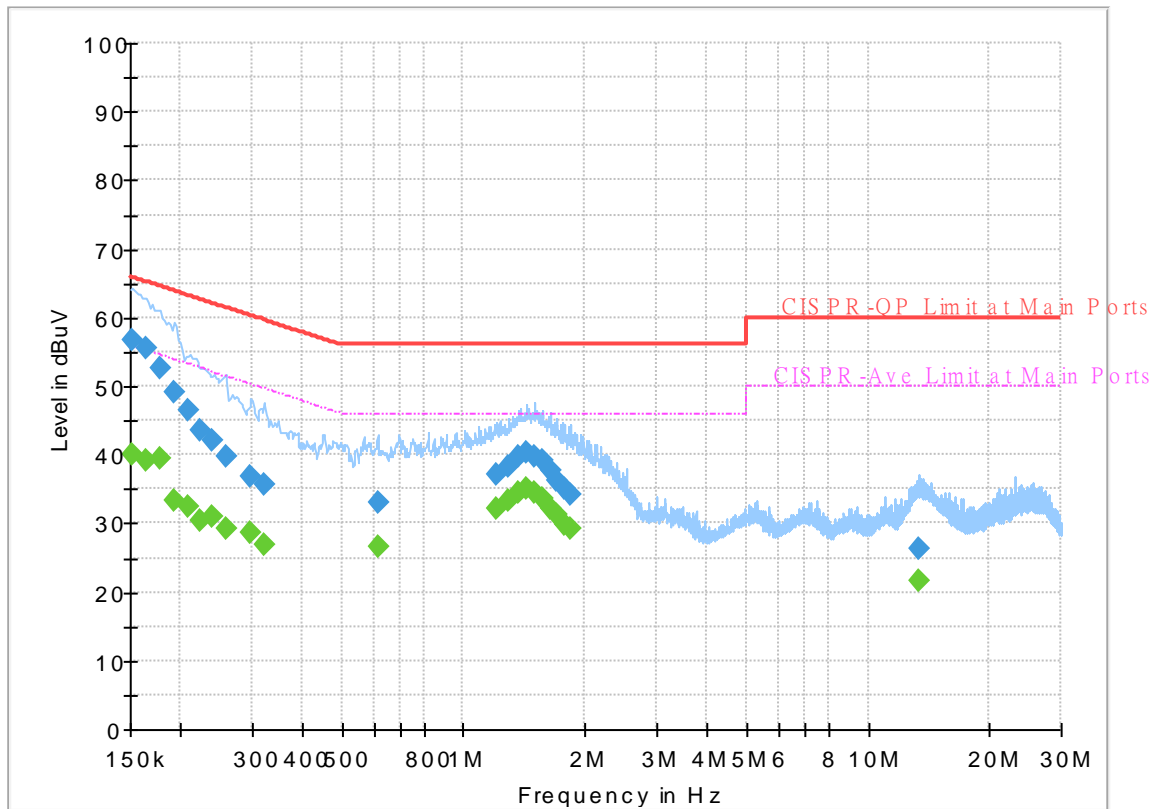
| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 40.50 | 55.88 | 15.38 | L1 | OFF | 19.7 |
| 0.152250 | 58.12 | --- | 65.88 | 7.76 | L1 | OFF | 19.7 |
| 0.161250 | --- | 40.10 | 55.40 | 15.30 | L1 | OFF | 19.7 |
| 0.161250 | 56.81 | --- | 65.40 | 8.59 | L1 | OFF | 19.7 |
| 0.170250 | --- | 37.08 | 54.95 | 17.87 | L1 | OFF | 19.7 |
| 0.170250 | 53.45 | --- | 64.95 | 11.50 | L1 | OFF | 19.7 |
| 0.179250 | --- | 37.28 | 54.52 | 17.24 | L1 | OFF | 19.7 |
| 0.179250 | 51.91 | --- | 64.52 | 12.61 | L1 | OFF | 19.7 |
| 0.188250 | --- | 34.84 | 54.11 | 19.27 | L1 | OFF | 19.7 |
| 0.188250 | 50.21 | --- | 64.11 | 13.90 | L1 | OFF | 19.7 |
| 0.195000 | --- | 32.70 | 53.82 | 21.12 | L1 | OFF | 19.7 |
| 0.195000 | 49.25 | --- | 63.82 | 14.57 | L1 | OFF | 19.7 |
| 0.206250 | --- | 32.61 | 53.36 | 20.75 | L1 | OFF | 19.7 |
| 0.206250 | 47.70 | --- | 63.36 | 15.66 | L1 | OFF | 19.7 |
| 0.215250 | --- | 31.66 | 53.00 | 21.34 | L1 | OFF | 19.7 |
| 0.215250 | 45.96 | --- | 63.00 | 17.04 | L1 | OFF | 19.7 |
| 0.226500 | --- | 30.28 | 52.58 | 22.30 | L1 | OFF | 19.7 |
| 0.226500 | 44.04 | --- | 62.58 | 18.54 | L1 | OFF | 19.7 |
| 0.240000 | --- | 30.59 | 52.10 | 21.51 | L1 | OFF | 19.7 |
| 0.240000 | 43.44 | --- | 62.10 | 18.66 | L1 | OFF | 19.7 |
| 0.249000 | --- | 29.26 | 51.79 | 22.53 | L1 | OFF | 19.7 |

| | | | | | | | |
|-----------|-------|-------|-------|-------|----|-----|------|
| 0.249000 | 41.73 | --- | 61.79 | 20.06 | L1 | OFF | 19.7 |
| 0.271500 | --- | 28.74 | 51.07 | 22.33 | L1 | OFF | 19.7 |
| 0.271500 | 40.58 | --- | 61.07 | 20.49 | L1 | OFF | 19.7 |
| 0.498750 | --- | 30.30 | 46.02 | 15.72 | L1 | OFF | 19.8 |
| 0.498750 | 35.73 | --- | 56.02 | 20.29 | L1 | OFF | 19.8 |
| 1.189500 | --- | 31.47 | 46.00 | 14.53 | L1 | OFF | 20.2 |
| 1.189500 | 37.01 | --- | 56.00 | 18.99 | L1 | OFF | 20.2 |
| 1.281750 | --- | 32.88 | 46.00 | 13.12 | L1 | OFF | 20.2 |
| 1.281750 | 38.07 | --- | 56.00 | 17.93 | L1 | OFF | 20.2 |
| 1.376250 | --- | 34.87 | 46.00 | 11.13 | L1 | OFF | 20.2 |
| 1.376250 | 40.13 | --- | 56.00 | 15.87 | L1 | OFF | 20.2 |
| 1.491000 | --- | 34.72 | 46.00 | 11.28 | L1 | OFF | 20.2 |
| 1.491000 | 39.98 | --- | 56.00 | 16.02 | L1 | OFF | 20.2 |
| 1.565250 | --- | 33.46 | 46.00 | 12.54 | L1 | OFF | 20.2 |
| 1.565250 | 38.84 | --- | 56.00 | 17.16 | L1 | OFF | 20.2 |
| 1.691250 | --- | 31.09 | 46.00 | 14.91 | L1 | OFF | 20.2 |
| 1.691250 | 36.61 | --- | 56.00 | 19.39 | L1 | OFF | 20.2 |
| 1.817250 | --- | 29.47 | 46.00 | 16.53 | L1 | OFF | 20.2 |
| 1.817250 | 34.94 | --- | 56.00 | 21.06 | L1 | OFF | 20.2 |
| 13.184250 | --- | 20.84 | 50.00 | 29.16 | L1 | OFF | 20.0 |
| 13.184250 | 25.39 | --- | 60.00 | 34.61 | L1 | OFF | 20.0 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 6
 Test Voltage : Power From System
 Phase : Neutral

Full Spectrum



Final_Result

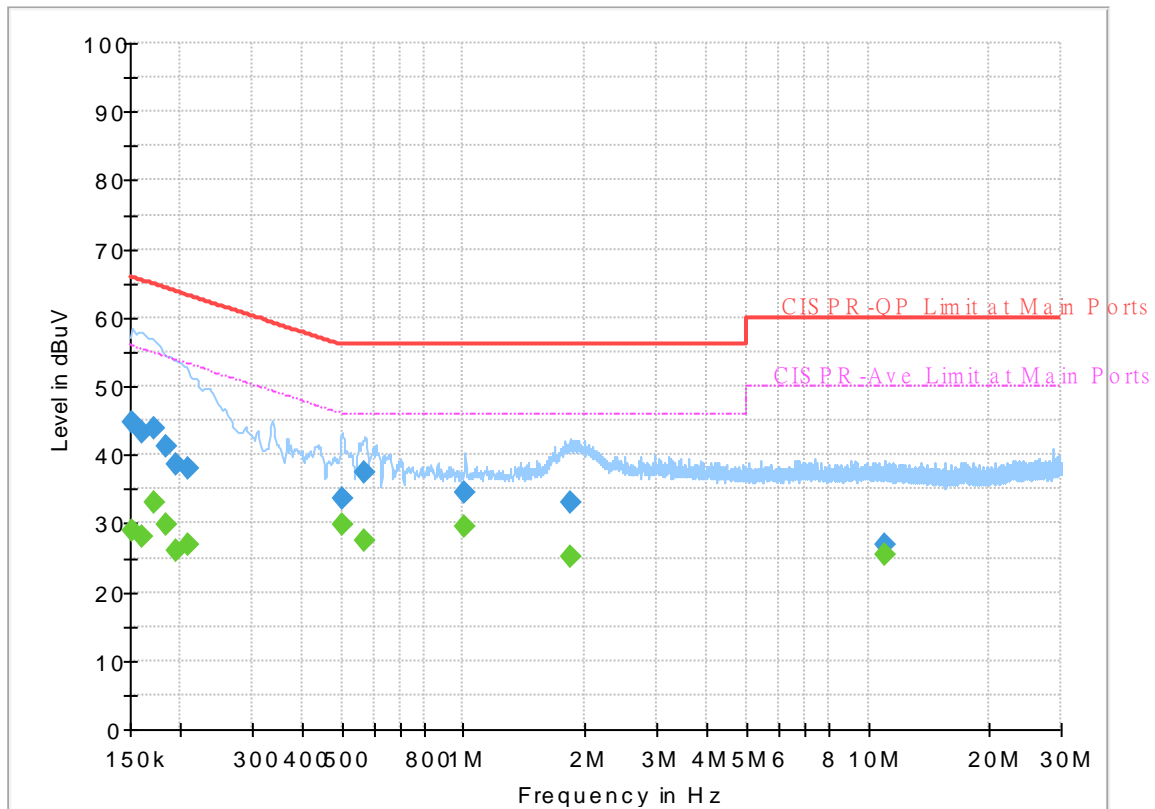
| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 40.00 | 55.88 | 15.88 | N | OFF | 19.7 |
| 0.152250 | 56.78 | --- | 65.88 | 9.10 | N | OFF | 19.7 |
| 0.163500 | --- | 39.17 | 55.28 | 16.11 | N | OFF | 19.7 |
| 0.163500 | 55.50 | --- | 65.28 | 9.78 | N | OFF | 19.7 |
| 0.177000 | --- | 39.50 | 54.63 | 15.13 | N | OFF | 19.7 |
| 0.177000 | 52.60 | --- | 64.63 | 12.03 | N | OFF | 19.7 |
| 0.192750 | --- | 33.38 | 53.92 | 20.54 | N | OFF | 19.7 |
| 0.192750 | 49.05 | --- | 63.92 | 14.87 | N | OFF | 19.7 |
| 0.208500 | --- | 32.42 | 53.27 | 20.85 | N | OFF | 19.7 |
| 0.208500 | 46.55 | --- | 63.27 | 16.72 | N | OFF | 19.7 |
| 0.224250 | --- | 30.50 | 52.66 | 22.16 | N | OFF | 19.7 |
| 0.224250 | 43.69 | --- | 62.66 | 18.97 | N | OFF | 19.7 |
| 0.240000 | --- | 31.14 | 52.10 | 20.96 | N | OFF | 19.7 |
| 0.240000 | 42.24 | --- | 62.10 | 19.86 | N | OFF | 19.7 |
| 0.258000 | --- | 29.27 | 51.50 | 22.23 | N | OFF | 19.7 |
| 0.258000 | 39.84 | --- | 61.50 | 21.66 | N | OFF | 19.7 |
| 0.298500 | --- | 28.72 | 50.28 | 21.56 | N | OFF | 19.7 |
| 0.298500 | 36.91 | --- | 60.28 | 23.37 | N | OFF | 19.7 |
| 0.323250 | --- | 27.02 | 49.62 | 22.60 | N | OFF | 19.7 |
| 0.323250 | 35.62 | --- | 59.62 | 24.00 | N | OFF | 19.7 |
| 0.613500 | --- | 26.75 | 46.00 | 19.25 | N | OFF | 20.0 |

| | | | | | | | |
|-----------|-------|-------|-------|-------|---|-----|------|
| 0.613500 | 32.93 | --- | 56.00 | 23.07 | N | OFF | 20.0 |
| 1.203000 | --- | 32.08 | 46.00 | 13.92 | N | OFF | 20.2 |
| 1.203000 | 37.27 | --- | 56.00 | 18.73 | N | OFF | 20.2 |
| 1.295250 | --- | 33.19 | 46.00 | 12.81 | N | OFF | 20.2 |
| 1.295250 | 38.36 | --- | 56.00 | 17.64 | N | OFF | 20.2 |
| 1.365000 | --- | 34.65 | 46.00 | 11.35 | N | OFF | 20.2 |
| 1.365000 | 39.87 | --- | 56.00 | 16.13 | N | OFF | 20.2 |
| 1.432500 | --- | 35.18 | 46.00 | 10.82 | N | OFF | 20.2 |
| 1.432500 | 40.37 | --- | 56.00 | 15.63 | N | OFF | 20.2 |
| 1.500000 | --- | 34.53 | 46.00 | 11.47 | N | OFF | 20.2 |
| 1.500000 | 39.75 | --- | 56.00 | 16.25 | N | OFF | 20.2 |
| 1.565250 | --- | 33.64 | 46.00 | 12.36 | N | OFF | 20.2 |
| 1.565250 | 39.06 | --- | 56.00 | 16.94 | N | OFF | 20.2 |
| 1.637250 | --- | 32.09 | 46.00 | 13.91 | N | OFF | 20.2 |
| 1.637250 | 37.67 | --- | 56.00 | 18.33 | N | OFF | 20.2 |
| 1.704750 | --- | 31.17 | 46.00 | 14.83 | N | OFF | 20.2 |
| 1.704750 | 36.30 | --- | 56.00 | 19.70 | N | OFF | 20.2 |
| 1.772250 | --- | 29.93 | 46.00 | 16.07 | N | OFF | 20.2 |
| 1.772250 | 35.22 | --- | 56.00 | 20.78 | N | OFF | 20.2 |
| 1.842000 | --- | 29.13 | 46.00 | 16.87 | N | OFF | 20.2 |
| 1.842000 | 34.31 | --- | 56.00 | 21.69 | N | OFF | 20.2 |
| 13.375500 | --- | 21.70 | 50.00 | 28.30 | N | OFF | 20.0 |
| 13.375500 | 26.30 | --- | 60.00 | 33.70 | N | OFF | 20.0 |

EUT Information

Report NO : 0D2217
 Test Mode : Mode 7
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

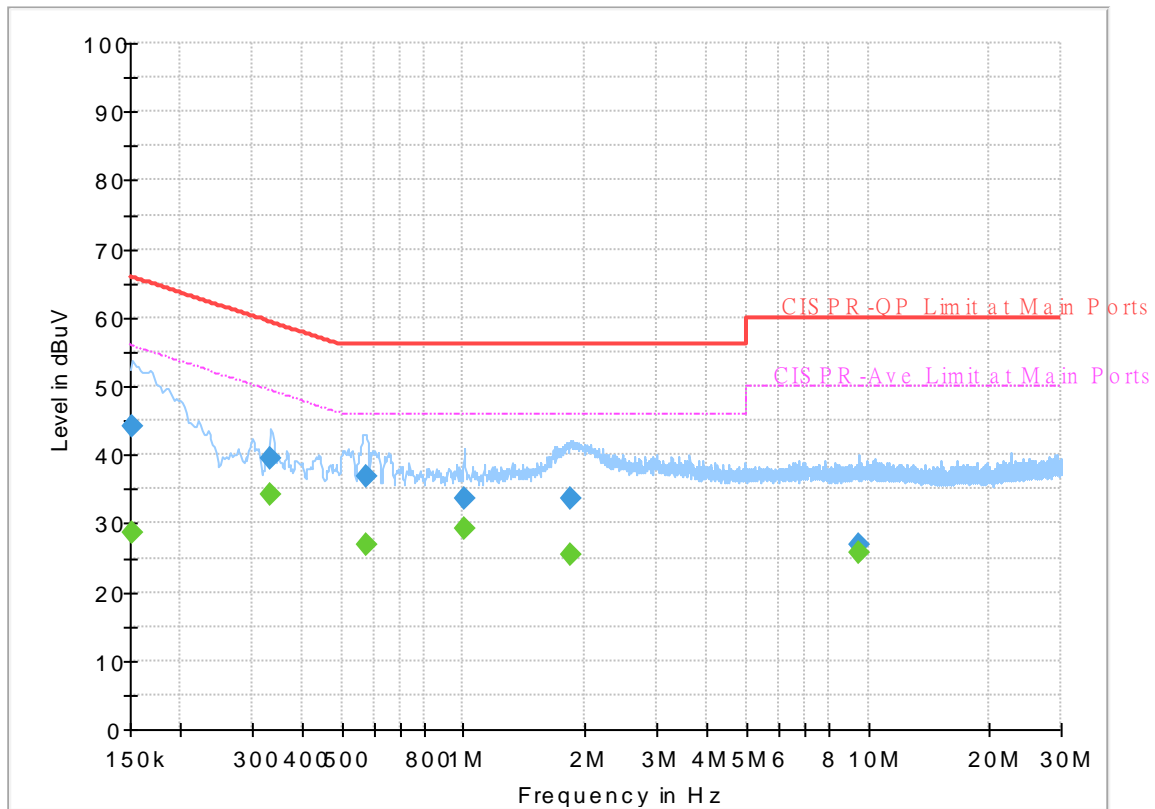
| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 28.95 | 55.88 | 26.93 | L1 | OFF | 19.7 |
| 0.152250 | 44.64 | --- | 65.88 | 21.24 | L1 | OFF | 19.7 |
| 0.161250 | --- | 28.15 | 55.40 | 27.25 | L1 | OFF | 19.7 |
| 0.161250 | 43.23 | --- | 65.40 | 22.17 | L1 | OFF | 19.7 |
| 0.172500 | --- | 32.95 | 54.84 | 21.89 | L1 | OFF | 19.7 |
| 0.172500 | 43.96 | --- | 64.84 | 20.88 | L1 | OFF | 19.7 |
| 0.183750 | --- | 29.78 | 54.31 | 24.53 | L1 | OFF | 19.7 |
| 0.183750 | 41.09 | --- | 64.31 | 23.22 | L1 | OFF | 19.7 |
| 0.195000 | --- | 26.09 | 53.82 | 27.73 | L1 | OFF | 19.7 |
| 0.195000 | 38.46 | --- | 63.82 | 25.36 | L1 | OFF | 19.7 |
| 0.208500 | --- | 26.90 | 53.27 | 26.37 | L1 | OFF | 19.7 |
| 0.208500 | 37.97 | --- | 63.27 | 25.30 | L1 | OFF | 19.7 |
| 0.501000 | --- | 29.85 | 46.00 | 16.15 | L1 | OFF | 19.9 |
| 0.501000 | 33.72 | --- | 56.00 | 22.28 | L1 | OFF | 19.9 |
| 0.570750 | --- | 27.39 | 46.00 | 18.61 | L1 | OFF | 19.9 |
| 0.570750 | 37.36 | --- | 56.00 | 18.64 | L1 | OFF | 19.9 |
| 1.005000 | --- | 29.60 | 46.00 | 16.40 | L1 | OFF | 20.3 |
| 1.005000 | 34.38 | --- | 56.00 | 21.62 | L1 | OFF | 20.3 |
| 1.830750 | --- | 25.20 | 46.00 | 20.80 | L1 | OFF | 20.2 |
| 1.830750 | 33.14 | --- | 56.00 | 22.86 | L1 | OFF | 20.2 |
| 11.013000 | --- | 25.58 | 50.00 | 24.42 | L1 | OFF | 20.2 |

| | | | | | | | |
|-----------|-------|-----|-------|-------|----|-----|------|
| 11.013000 | 27.03 | --- | 60.00 | 32.97 | L1 | OFF | 20.2 |
|-----------|-------|-----|-------|-------|----|-----|------|

EUT Information

Report NO : 0D2217
 Test Mode : Mode 7
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



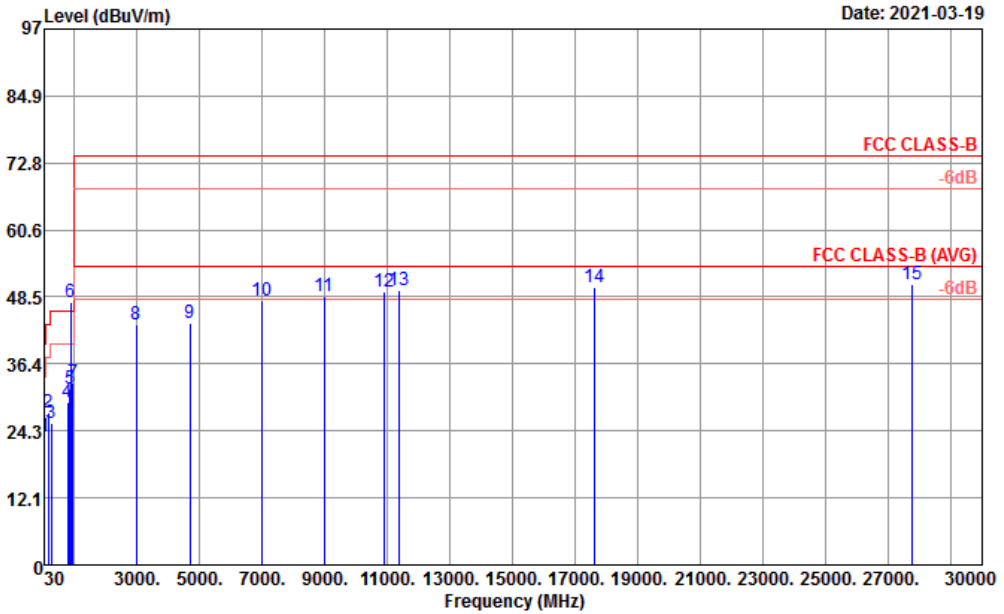
Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|------|--------|------------|
| 0.152250 | --- | 28.51 | 55.88 | 27.37 | N | OFF | 19.7 |
| 0.152250 | 44.20 | --- | 65.88 | 21.68 | N | OFF | 19.7 |
| 0.334500 | --- | 34.22 | 49.34 | 15.12 | N | OFF | 19.8 |
| 0.334500 | 39.61 | --- | 59.34 | 19.73 | N | OFF | 19.8 |
| 0.573000 | --- | 26.85 | 46.00 | 19.15 | N | OFF | 20.0 |
| 0.573000 | 36.98 | --- | 56.00 | 19.02 | N | OFF | 20.0 |
| 1.002750 | --- | 29.17 | 46.00 | 16.83 | N | OFF | 20.3 |
| 1.002750 | 33.72 | --- | 56.00 | 22.28 | N | OFF | 20.3 |
| 1.842000 | --- | 25.42 | 46.00 | 20.58 | N | OFF | 20.3 |
| 1.842000 | 33.53 | --- | 56.00 | 22.47 | N | OFF | 20.3 |
| 9.501000 | --- | 25.65 | 50.00 | 24.35 | N | OFF | 20.2 |
| 9.501000 | 27.04 | --- | 60.00 | 32.96 | N | OFF | 20.2 |



Appendix B. Radiated Emission Test Result

| | | | |
|-----------------|-----------------------------------------------------|---------------------|------------|
| Mode : | Mode 1 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #6 is system simulator signal which can be ignored. | | |

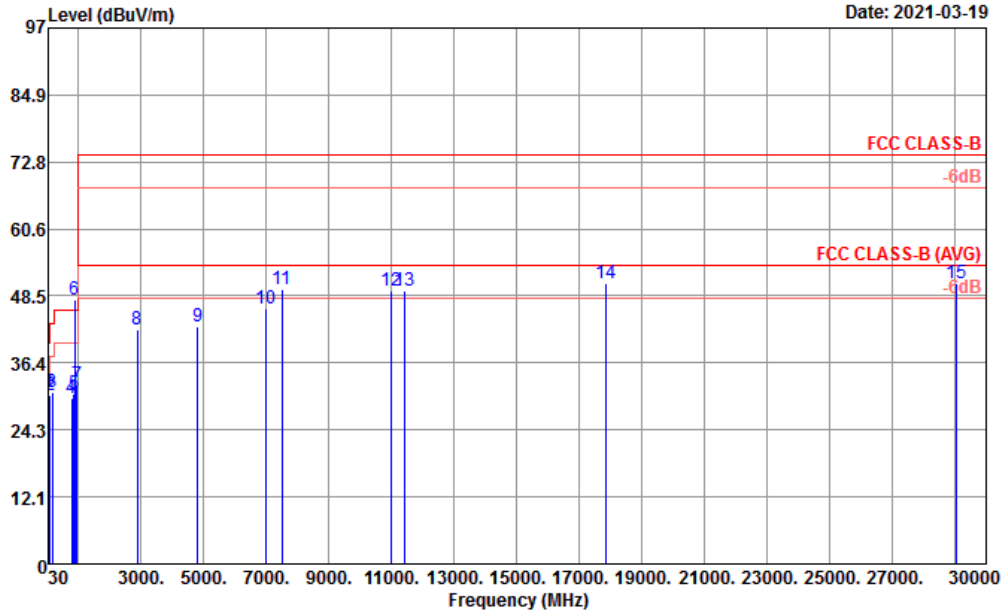


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 1

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|-----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 41.64 | 23.14 | -16.86 | 40.00 | 18.69 | 36.35 | 0.74 | 32.64 | --- | --- | Peak |
| 2 | 160.95 | 27.63 | -15.87 | 43.50 | 16.31 | 42.43 | 1.43 | 32.54 | --- | --- | Peak |
| 3 | 265.71 | 25.58 | -20.42 | 46.00 | 19.63 | 36.57 | 1.83 | 32.45 | --- | --- | Peak |
| 4 | 772.05 | 29.53 | -16.47 | 46.00 | 28.62 | 30.16 | 3.14 | 32.39 | --- | --- | Peak |
| 5 | 852.56 | 31.78 | -14.22 | 46.00 | 29.27 | 31.26 | 3.28 | 32.03 | --- | --- | Peak |
| 6 * | 881.40 | 47.64 | | | 28.90 | 47.27 | 3.33 | 31.86 | --- | --- | Peak |
| 7 | 949.56 | 33.06 | -12.94 | 46.00 | 30.62 | 30.19 | 3.48 | 31.23 | 100 | 0 | Peak |
| 8 | 2984.00 | 43.38 | -30.62 | 74.00 | 28.37 | 66.63 | 6.52 | 58.14 | --- | --- | Peak |
| 9 | 4698.00 | 43.85 | -30.15 | 74.00 | 31.09 | 62.79 | 8.41 | 58.44 | --- | --- | Peak |
| 10 | 6994.00 | 47.90 | -26.10 | 74.00 | 35.18 | 61.23 | 11.16 | 59.67 | --- | --- | Peak |
| 11 | 8966.00 | 48.72 | -25.28 | 74.00 | 37.43 | 59.14 | 12.38 | 60.23 | --- | --- | Peak |
| 12 | 10898.00 | 49.39 | -24.61 | 74.00 | 40.09 | 54.77 | 13.43 | 58.90 | --- | --- | Peak |
| 13 | 11392.00 | 49.69 | -24.31 | 74.00 | 39.58 | 54.93 | 13.82 | 58.64 | --- | --- | Peak |
| 14 | 17630.00 | 50.18 | -23.82 | 74.00 | 42.77 | 46.96 | 18.47 | 58.02 | --- | --- | Peak |
| 15 | 27780.00 | 50.80 | -23.20 | 74.00 | 39.66 | 40.58 | 24.10 | 53.54 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|----------|
| Mode : | Mode 1 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #6 is system simulator signal which can be ignored. | | |

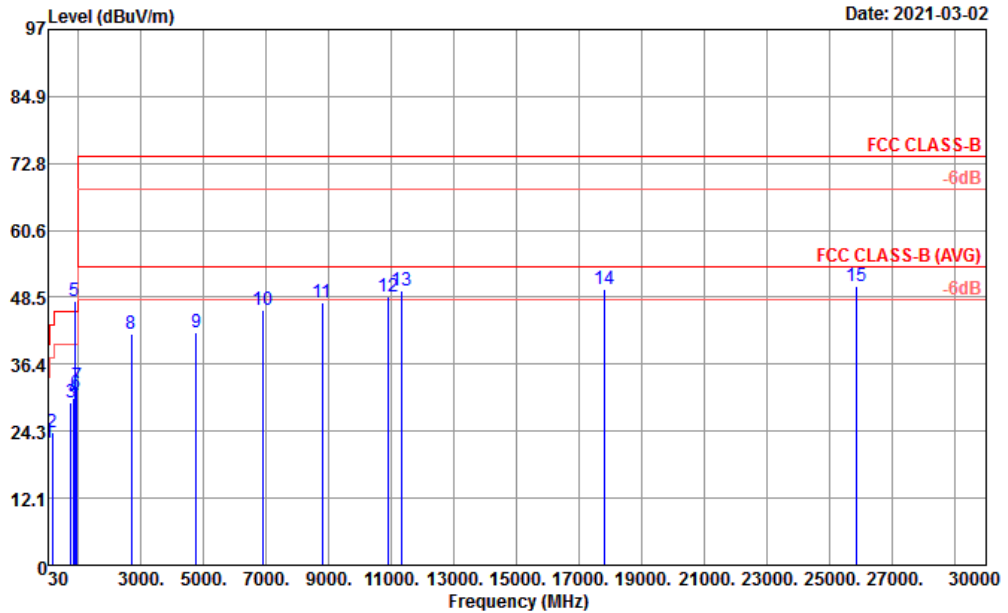


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 1

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|-----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 42.61 | 31.15 | -8.85 | 40.00 | 18.07 | 44.97 | 0.75 | 32.64 | 100 | 0 | Peak |
| 2 | 95.96 | 30.47 | -13.03 | 43.50 | 15.53 | 46.41 | 1.12 | 32.59 | --- | --- | Peak |
| 3 | 160.95 | 30.97 | -12.53 | 43.50 | 16.31 | 45.77 | 1.43 | 32.54 | --- | --- | Peak |
| 4 | 773.02 | 29.91 | -16.09 | 46.00 | 28.62 | 30.54 | 3.14 | 32.39 | --- | --- | Peak |
| 5 | 842.86 | 30.91 | -15.09 | 46.00 | 29.17 | 30.57 | 3.26 | 32.09 | --- | --- | Peak |
| 6 * | 881.40 | 47.72 | | | 28.90 | 47.35 | 3.33 | 31.86 | --- | --- | Peak |
| 7 | 943.74 | 32.36 | -13.64 | 46.00 | 30.36 | 29.83 | 3.47 | 31.30 | --- | --- | Peak |
| 8 | 2888.00 | 42.50 | -31.50 | 74.00 | 28.08 | 66.15 | 6.39 | 58.12 | --- | --- | Peak |
| 9 | 4802.00 | 43.02 | -30.98 | 74.00 | 31.00 | 61.89 | 8.59 | 58.46 | --- | --- | Peak |
| 10 | 6996.00 | 46.21 | -27.79 | 74.00 | 35.18 | 59.53 | 11.17 | 59.67 | --- | --- | Peak |
| 11 | 7496.00 | 49.84 | -24.16 | 74.00 | 36.30 | 61.80 | 11.49 | 59.75 | --- | --- | Peak |
| 12 | 10978.00 | 49.57 | -24.43 | 74.00 | 40.02 | 54.79 | 13.49 | 58.73 | --- | --- | Peak |
| 13 | 11426.00 | 49.55 | -24.45 | 74.00 | 39.63 | 54.70 | 13.85 | 58.63 | --- | --- | Peak |
| 14 | 17865.00 | 50.71 | -23.29 | 74.00 | 45.81 | 44.53 | 18.65 | 58.28 | --- | --- | Peak |
| 15 | 29052.00 | 50.83 | -23.17 | 74.00 | 40.34 | 40.53 | 24.58 | 54.62 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|------------|
| Mode : | Mode 2 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #5 is system simulator signal which can be ignored. | | |

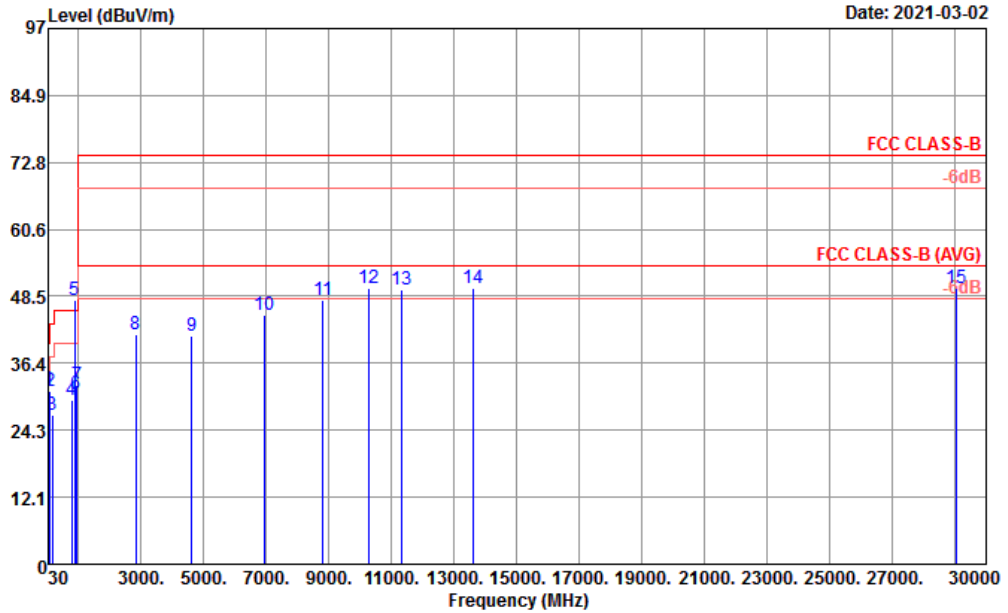


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 2

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|-----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 42.61 | 22.17 | -17.83 | 40.00 | 18.07 | 35.99 | 0.75 | 32.64 | --- | --- | Peak |
| 2 | 159.01 | 23.93 | -19.57 | 43.50 | 16.59 | 38.45 | 1.43 | 32.54 | --- | --- | Peak |
| 3 | 748.77 | 29.51 | -16.49 | 46.00 | 28.54 | 30.31 | 3.08 | 32.42 | --- | --- | Peak |
| 4 | 842.86 | 30.27 | -15.73 | 46.00 | 29.17 | 29.93 | 3.26 | 32.09 | --- | --- | Peak |
| 5 * | 881.60 | 47.90 | | | 28.90 | 47.53 | 3.33 | 31.86 | --- | --- | Peak |
| 6 | 930.16 | 31.12 | -14.88 | 46.00 | 29.64 | 29.48 | 3.44 | 31.44 | --- | --- | Peak |
| 7 | 958.29 | 32.31 | -13.69 | 46.00 | 31.02 | 28.94 | 3.49 | 31.14 | 100 | 0 | Peak |
| 8 | 2678.00 | 41.99 | -32.01 | 74.00 | 27.76 | 66.22 | 6.09 | 58.08 | --- | --- | Peak |
| 9 | 4762.00 | 42.15 | -31.85 | 74.00 | 31.00 | 61.08 | 8.52 | 58.45 | --- | --- | Peak |
| 10 | 6906.00 | 46.11 | -27.89 | 74.00 | 34.91 | 59.97 | 10.87 | 59.64 | --- | --- | Peak |
| 11 | 8790.00 | 47.68 | -26.32 | 74.00 | 37.68 | 58.11 | 11.88 | 59.99 | --- | --- | Peak |
| 12 | 10870.00 | 48.66 | -25.34 | 74.00 | 40.01 | 54.20 | 13.41 | 58.96 | --- | --- | Peak |
| 13 | 11314.00 | 49.68 | -24.32 | 74.00 | 39.43 | 55.14 | 13.76 | 58.65 | --- | --- | Peak |
| 14 | 17810.00 | 49.97 | -24.03 | 74.00 | 44.87 | 44.71 | 18.61 | 58.22 | --- | --- | Peak |
| 15 | 25848.00 | 50.53 | -23.47 | 74.00 | 39.00 | 41.55 | 23.38 | 53.40 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|----------|
| Mode : | Mode 2 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #5 is system simulator signal which can be ignored. | | |

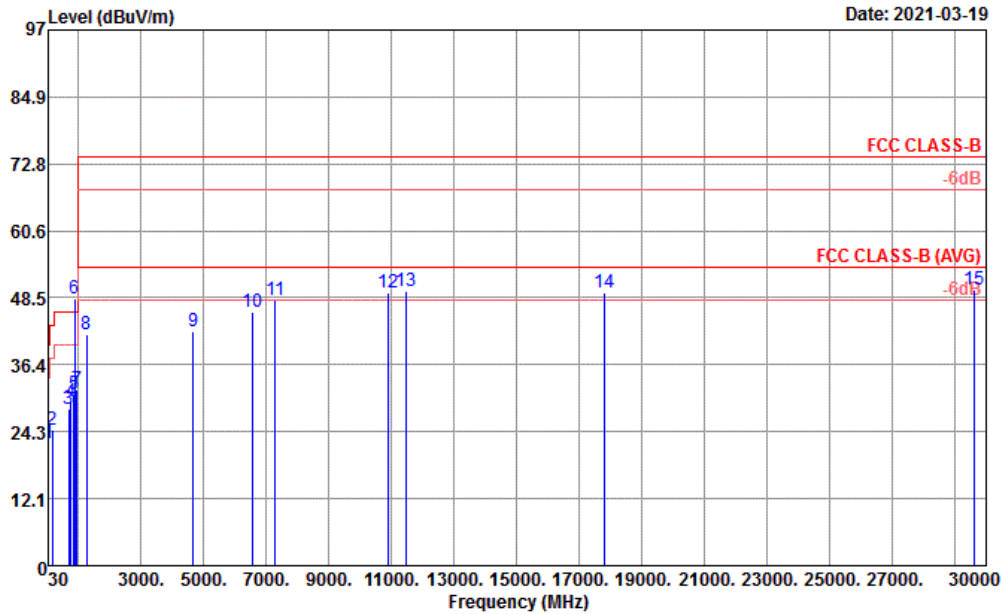


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 2

| | Freq | Level | Over | Limit | Antenna | Read | Cable | Preamp | A/Pos | T/Pos | Remark |
|-----|----------|--------|--------|--------|---------|-------|-------|--------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 42.61 | 31.49 | -8.51 | 40.00 | 18.07 | 45.31 | 0.75 | 32.64 | 100 | 0 | Peak |
| 2 | 99.84 | 31.31 | -12.19 | 43.50 | 16.00 | 46.76 | 1.14 | 32.59 | --- | --- | Peak |
| 3 | 158.04 | 26.96 | -16.54 | 43.50 | 16.63 | 41.45 | 1.42 | 32.54 | --- | --- | Peak |
| 4 | 783.69 | 29.78 | -16.22 | 46.00 | 28.53 | 30.45 | 3.17 | 32.37 | --- | --- | Peak |
| 5 * | 881.60 | 47.88 | | | 28.90 | 47.51 | 3.33 | 31.86 | --- | --- | Peak |
| 6 | 892.33 | 30.89 | -15.11 | 46.00 | 28.89 | 30.45 | 3.35 | 31.80 | --- | --- | Peak |
| 7 | 951.50 | 32.38 | -13.62 | 46.00 | 30.72 | 29.39 | 3.48 | 31.21 | --- | --- | Peak |
| 8 | 2824.00 | 41.71 | -32.29 | 74.00 | 27.95 | 65.44 | 6.30 | 57.98 | --- | --- | Peak |
| 9 | 4610.00 | 41.44 | -32.56 | 74.00 | 30.74 | 60.92 | 8.26 | 58.48 | --- | --- | Peak |
| 10 | 6962.00 | 45.22 | -28.78 | 74.00 | 35.05 | 58.70 | 11.06 | 59.59 | --- | --- | Peak |
| 11 | 8804.00 | 47.70 | -26.30 | 74.00 | 37.69 | 58.70 | 11.89 | 60.58 | --- | --- | Peak |
| 12 | 10264.00 | 49.91 | -24.09 | 74.00 | 39.26 | 57.88 | 12.93 | 60.16 | --- | --- | Peak |
| 13 | 11326.00 | 49.59 | -24.41 | 74.00 | 39.45 | 55.30 | 13.77 | 58.93 | --- | --- | Peak |
| 14 | 13595.00 | 50.08 | -23.92 | 74.00 | 40.09 | 51.81 | 15.74 | 57.56 | --- | --- | Peak |
| 15 | 29052.00 | 50.11 | -23.89 | 74.00 | 40.34 | 39.81 | 24.58 | 54.62 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|------------|
| Mode : | Mode 3 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #6 is system simulator signal which can be ignored. | | |

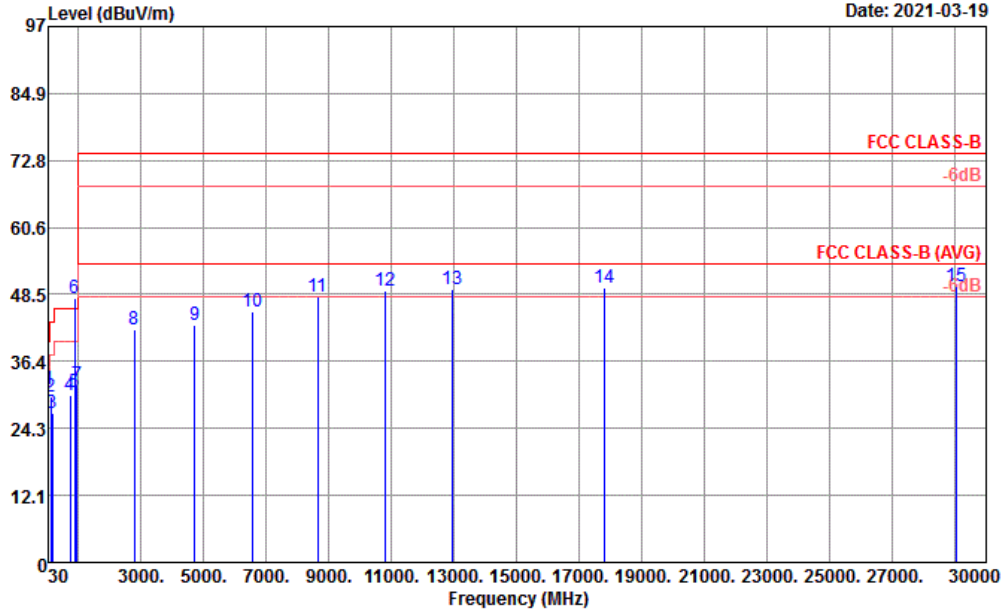


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 3

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|-----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 40.67 | 22.04 | -17.96 | 40.00 | 19.19 | 34.76 | 0.73 | 32.64 | --- | --- | Peak |
| 2 | 158.04 | 24.52 | -18.98 | 43.50 | 16.63 | 39.01 | 1.42 | 32.54 | --- | --- | Peak |
| 3 | 682.81 | 28.31 | -17.69 | 46.00 | 26.65 | 31.23 | 2.93 | 32.50 | --- | --- | Peak |
| 4 | 748.77 | 29.59 | -16.41 | 46.00 | 28.54 | 30.39 | 3.08 | 32.42 | --- | --- | Peak |
| 5 | 849.65 | 31.01 | -14.99 | 46.00 | 29.26 | 30.53 | 3.27 | 32.05 | --- | --- | Peak |
| 6 * | 881.50 | 48.35 | | | 28.90 | 47.98 | 3.33 | 31.86 | --- | --- | Peak |
| 7 | 948.59 | 31.93 | -14.07 | 46.00 | 30.58 | 29.11 | 3.48 | 31.24 | 100 | 0 | Peak |
| 8 | 1264.00 | 41.88 | -32.12 | 74.00 | 25.36 | 70.87 | 4.02 | 58.37 | --- | --- | Peak |
| 9 | 4654.00 | 42.47 | -31.53 | 74.00 | 30.92 | 61.65 | 8.33 | 58.43 | --- | --- | Peak |
| 10 | 6562.00 | 45.86 | -28.14 | 74.00 | 34.22 | 60.71 | 10.44 | 59.51 | --- | --- | Peak |
| 11 | 7274.00 | 48.12 | -25.88 | 74.00 | 36.30 | 59.95 | 11.58 | 59.71 | --- | --- | Peak |
| 12 | 10874.00 | 49.40 | -24.60 | 74.00 | 40.02 | 54.92 | 13.41 | 58.95 | --- | --- | Peak |
| 13 | 11454.00 | 49.83 | -24.17 | 74.00 | 39.65 | 54.94 | 13.87 | 58.63 | --- | --- | Peak |
| 14 | 17810.00 | 49.37 | -24.63 | 74.00 | 44.87 | 44.11 | 18.61 | 58.22 | --- | --- | Peak |
| 15 | 29604.00 | 49.85 | -24.15 | 74.00 | 40.42 | 39.39 | 24.92 | 54.88 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|----------|
| Mode : | Mode 3 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #6 is system simulator signal which can be ignored. | | |

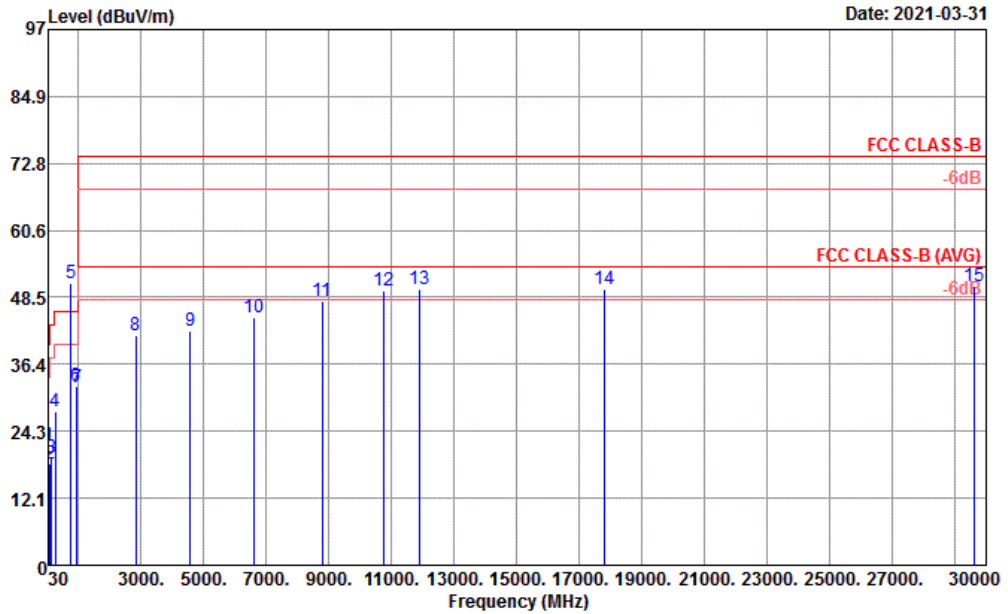


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 3

| | Freq | Level | Over | Limit | Antenna | Read | Cable | Preamp | A/Pos | T/Pos | Remark |
|-----|----------|--------|--------|--------|---------|-------|-------|--------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 42.61 | 31.26 | -8.74 | 40.00 | 18.07 | 45.08 | 0.75 | 32.64 | 100 | 0 | Peak |
| 2 | 101.78 | 30.02 | -13.48 | 43.50 | 16.15 | 45.31 | 1.15 | 32.59 | --- | --- | Peak |
| 3 | 160.95 | 26.98 | -16.52 | 43.50 | 16.31 | 41.78 | 1.43 | 32.54 | --- | --- | Peak |
| 4 | 739.07 | 30.15 | -15.85 | 46.00 | 28.35 | 31.19 | 3.05 | 32.44 | --- | --- | Peak |
| 5 | 874.87 | 30.91 | -15.09 | 46.00 | 29.07 | 30.42 | 3.32 | 31.90 | --- | --- | Peak |
| 6 * | 881.50 | 47.76 | | | 28.90 | 47.39 | 3.33 | 31.86 | --- | --- | Peak |
| 7 | 953.44 | 32.16 | -13.84 | 46.00 | 30.83 | 29.03 | 3.49 | 31.19 | --- | --- | Peak |
| 8 | 2784.00 | 42.21 | -31.79 | 74.00 | 27.90 | 66.16 | 6.25 | 58.10 | --- | --- | Peak |
| 9 | 4714.00 | 42.94 | -31.06 | 74.00 | 31.07 | 61.87 | 8.44 | 58.44 | --- | --- | Peak |
| 10 | 6576.00 | 45.26 | -28.74 | 74.00 | 34.25 | 60.05 | 10.48 | 59.52 | --- | --- | Peak |
| 11 | 8650.00 | 48.01 | -25.99 | 74.00 | 37.30 | 58.64 | 11.86 | 59.79 | --- | --- | Peak |
| 12 | 10802.00 | 49.04 | -24.96 | 74.00 | 39.81 | 54.97 | 13.35 | 59.09 | --- | --- | Peak |
| 13 | 12920.00 | 49.45 | -24.55 | 74.00 | 38.90 | 54.05 | 15.13 | 58.63 | --- | --- | Peak |
| 14 | 17815.00 | 49.74 | -24.26 | 74.00 | 44.96 | 44.39 | 18.62 | 58.23 | --- | --- | Peak |
| 15 | 29064.00 | 49.97 | -24.03 | 74.00 | 40.35 | 39.66 | 24.59 | 54.63 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|------------|
| Mode : | Mode 4 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #5 is system simulator signal which can be ignored. | | |

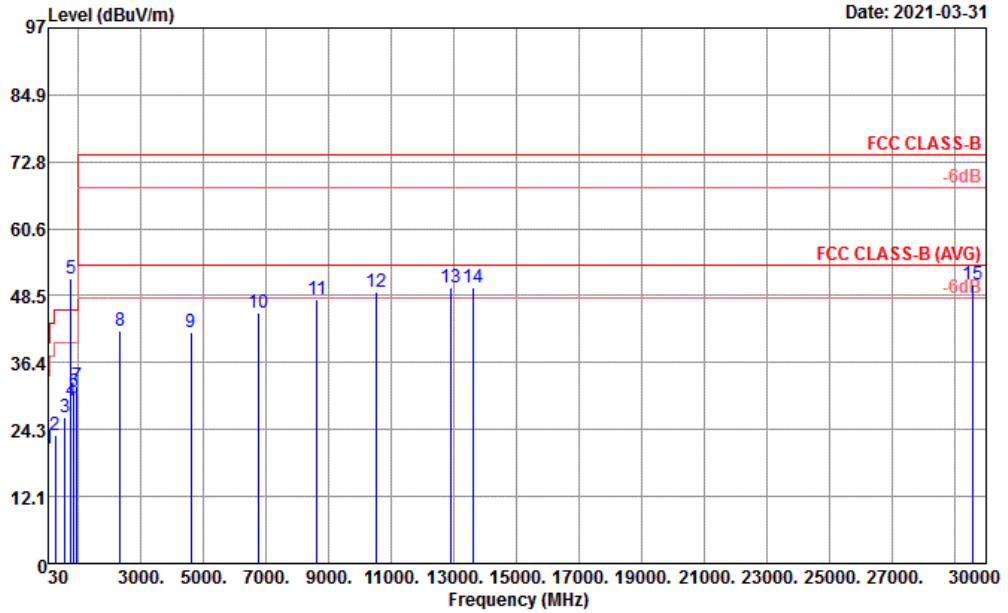


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 4

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|-----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 30.00 | 21.54 | -18.46 | 40.00 | 24.38 | 29.18 | 0.63 | 32.65 | --- | --- | Peak |
| 2 | 86.26 | 18.39 | -21.61 | 40.00 | 14.12 | 35.81 | 1.06 | 32.60 | --- | --- | Peak |
| 3 | 140.58 | 19.46 | -24.04 | 43.50 | 17.34 | 33.34 | 1.33 | 32.55 | --- | --- | Peak |
| 4 | 248.25 | 27.85 | -18.15 | 46.00 | 18.07 | 40.48 | 1.76 | 32.46 | --- | --- | Peak |
| 5 * | 751.00 | 51.09 | | | | 28.57 | 3.08 | 32.42 | --- | --- | Peak |
| 6 | 922.40 | 32.33 | -13.67 | 46.00 | 29.29 | 31.14 | 3.42 | 31.52 | 100 | 0 | Peak |
| 7 | 958.29 | 32.12 | -13.88 | 46.00 | 31.02 | 28.75 | 3.49 | 31.14 | --- | --- | Peak |
| 8 | 2822.00 | 41.70 | -32.30 | 74.00 | 27.94 | 65.57 | 6.30 | 58.11 | --- | --- | Peak |
| 9 | 4558.00 | 42.48 | -31.52 | 74.00 | 30.53 | 62.12 | 8.23 | 58.40 | --- | --- | Peak |
| 10 | 6604.00 | 44.96 | -29.04 | 74.00 | 34.29 | 59.67 | 10.53 | 59.53 | --- | --- | Peak |
| 11 | 8782.00 | 47.92 | -26.08 | 74.00 | 37.66 | 58.35 | 11.88 | 59.97 | --- | --- | Peak |
| 12 | 10742.00 | 49.62 | -24.38 | 74.00 | 39.63 | 55.90 | 13.31 | 59.22 | --- | --- | Peak |
| 13 | 11884.00 | 49.96 | -24.04 | 74.00 | 38.52 | 56.81 | 14.21 | 59.58 | --- | --- | Peak |
| 14 | 17810.00 | 49.97 | -24.03 | 74.00 | 44.87 | 44.71 | 18.61 | 58.22 | --- | --- | Peak |
| 15 | 29640.00 | 50.59 | -23.41 | 74.00 | 40.39 | 40.17 | 24.94 | 54.91 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|----------|
| Mode : | Mode 4 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #5 is system simulator signal which can be ignored. | | |

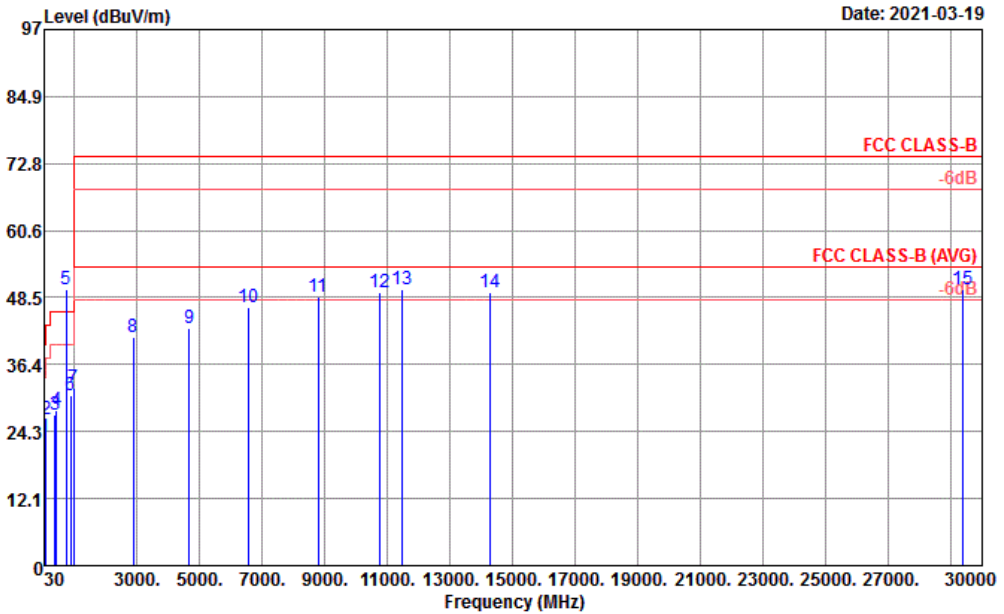


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 4

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|-----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 30.00 | 20.70 | -19.30 | 40.00 | 24.38 | 28.34 | 0.63 | 32.65 | --- | --- | Peak |
| 2 | 248.25 | 23.18 | -22.82 | 46.00 | 18.07 | 35.81 | 1.76 | 32.46 | --- | --- | Peak |
| 3 | 559.62 | 26.39 | -19.61 | 46.00 | 26.09 | 30.15 | 2.65 | 32.50 | --- | --- | Peak |
| 4 | 745.86 | 29.43 | -16.57 | 46.00 | 28.50 | 30.29 | 3.07 | 32.43 | --- | --- | Peak |
| 5 * | 751.00 | 51.66 | | | 28.57 | 52.43 | 3.08 | 32.42 | --- | --- | Peak |
| 6 | 850.62 | 30.99 | -15.01 | 46.00 | 29.26 | 30.51 | 3.27 | 32.05 | --- | --- | Peak |
| 7 | 948.59 | 32.22 | -13.78 | 46.00 | 30.58 | 29.40 | 3.48 | 31.24 | 100 | 0 | Peak |
| 8 | 2324.00 | 42.20 | -31.80 | 74.00 | 27.65 | 67.10 | 5.59 | 58.14 | --- | --- | Peak |
| 9 | 4602.00 | 41.91 | -32.09 | 74.00 | 30.71 | 61.37 | 8.24 | 58.41 | --- | --- | Peak |
| 10 | 6742.00 | 45.48 | -28.52 | 74.00 | 34.22 | 60.31 | 10.53 | 59.58 | --- | --- | Peak |
| 11 | 8626.00 | 47.75 | -26.25 | 74.00 | 37.25 | 58.40 | 11.86 | 59.76 | --- | --- | Peak |
| 12 | 10494.00 | 49.19 | -24.81 | 74.00 | 39.50 | 56.30 | 13.11 | 59.72 | --- | --- | Peak |
| 13 | 12916.00 | 49.98 | -24.02 | 74.00 | 38.90 | 54.59 | 15.13 | 58.64 | --- | --- | Peak |
| 14 | 13595.00 | 50.08 | -23.92 | 74.00 | 40.09 | 51.85 | 15.74 | 57.60 | --- | --- | Peak |
| 15 | 29592.00 | 50.51 | -23.49 | 74.00 | 40.43 | 40.04 | 24.91 | 54.87 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|------------|
| Mode : | Mode 5 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #5 is system simulator signal which can be ignored. | | |

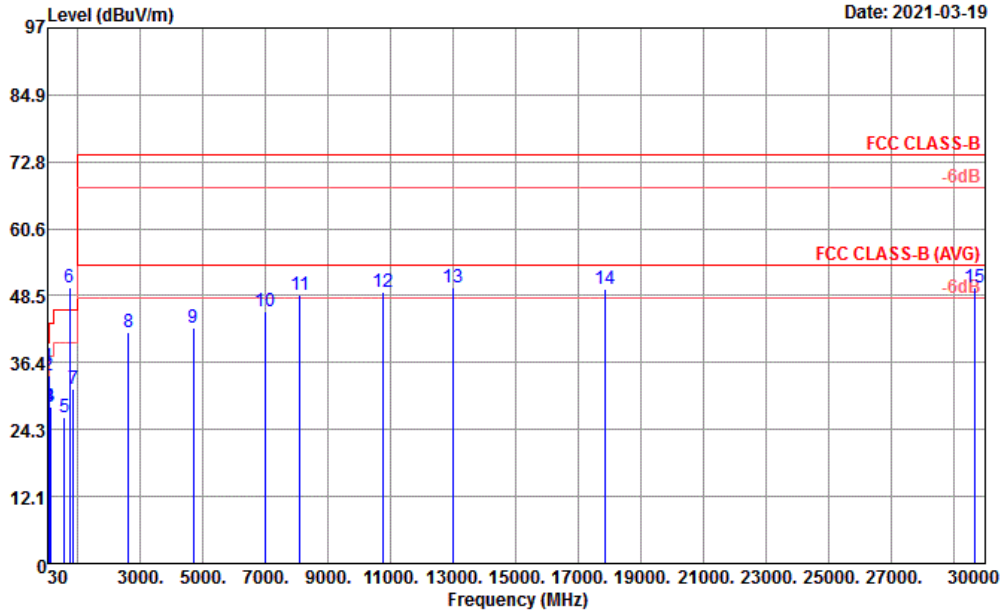


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 5

| | Freq | Level | Over | Limit | Antenna | Read | Cable | Preamp | A/Pos | T/Pos | Remark |
|-----|----------|--------|--------|--------|---------|-------|-------|--------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 34.85 | 23.22 | -16.78 | 40.00 | 22.17 | 33.02 | 0.67 | 32.64 | --- | --- | Peak |
| 2 | 80.44 | 26.46 | -13.54 | 40.00 | 13.40 | 44.65 | 1.02 | 32.61 | 100 | 0 | Peak |
| 3 | 370.47 | 27.17 | -18.83 | 46.00 | 20.84 | 36.57 | 2.15 | 32.39 | --- | --- | Peak |
| 4 | 431.58 | 28.14 | -17.86 | 46.00 | 22.86 | 35.38 | 2.31 | 32.41 | --- | --- | Peak |
| 5 * | 740.00 | 50.00 | | | 28.39 | 50.98 | 3.06 | 32.43 | --- | --- | Peak |
| 6 | 867.11 | 30.93 | -15.07 | 46.00 | 29.14 | 30.44 | 3.30 | 31.95 | --- | --- | Peak |
| 7 | 960.00 | 32.19 | -13.81 | 46.00 | 31.07 | 28.75 | 3.50 | 31.13 | --- | --- | Peak |
| 8 | 2874.00 | 41.47 | -32.53 | 74.00 | 28.05 | 65.17 | 6.37 | 58.12 | --- | --- | Peak |
| 9 | 4654.00 | 42.88 | -31.12 | 74.00 | 30.92 | 62.06 | 8.33 | 58.43 | --- | --- | Peak |
| 10 | 6568.00 | 46.63 | -27.37 | 74.00 | 34.24 | 61.44 | 10.46 | 59.51 | --- | --- | Peak |
| 11 | 8780.00 | 48.71 | -25.29 | 74.00 | 37.66 | 59.14 | 11.88 | 59.97 | --- | --- | Peak |
| 12 | 10738.00 | 49.52 | -24.48 | 74.00 | 39.61 | 55.83 | 13.30 | 59.22 | --- | --- | Peak |
| 13 | 11442.00 | 49.91 | -24.09 | 74.00 | 39.64 | 55.04 | 13.86 | 58.63 | --- | --- | Peak |
| 14 | 14265.00 | 49.41 | -24.59 | 74.00 | 41.30 | 49.84 | 16.25 | 57.98 | --- | --- | Peak |
| 15 | 29388.00 | 50.06 | -23.94 | 74.00 | 40.50 | 39.53 | 24.79 | 54.76 | 100 | 0 | Peak |



| | | | |
|-----------------|-----------------------------------------------------|---------------------|----------|
| Mode : | Mode 5 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #6 is system simulator signal which can be ignored. | | |

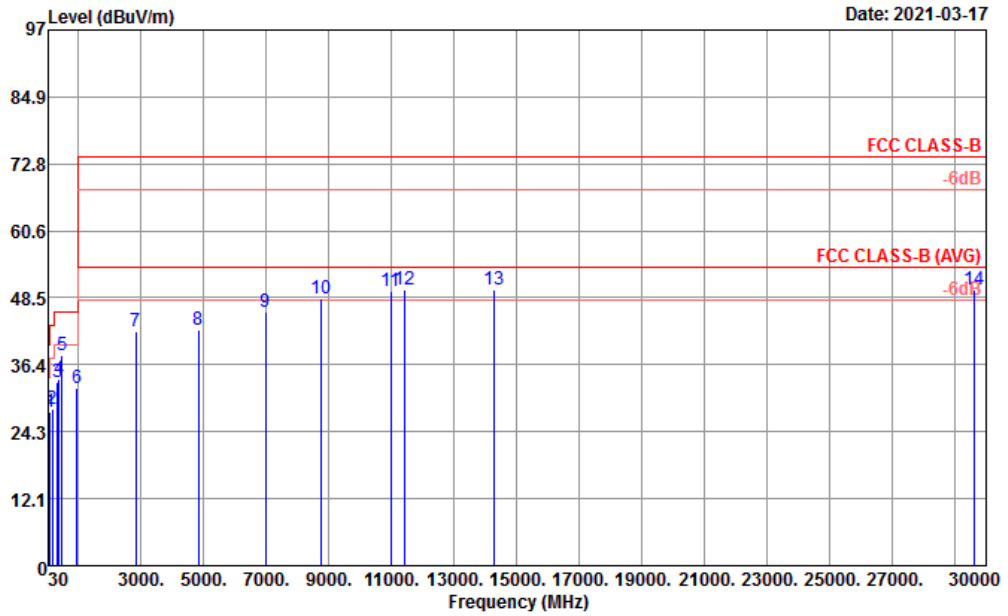


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 5

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark | |
|-----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | | |
| 1 | 32.91 | 35.75 | -4.25 | 40.00 | 23.03 | 44.71 | 0.65 | 32.64 | 100 | 0 | Peak | |
| 2 | 61.04 | 33.92 | -6.08 | 40.00 | 11.81 | 53.84 | 0.89 | 32.62 | --- | --- | Peak | |
| 3 | 80.44 | 28.28 | -11.72 | 40.00 | 13.40 | 46.47 | 1.02 | 32.61 | --- | --- | Peak | |
| 4 | 121.18 | 28.44 | -15.06 | 43.50 | 17.38 | 42.40 | 1.23 | 32.57 | --- | --- | Peak | |
| 5 | 554.77 | 26.59 | -19.41 | 46.00 | 25.76 | 30.69 | 2.64 | 32.50 | --- | --- | Peak | |
| 6 * | 740.00 | 50.01 | | | | 28.39 | 50.99 | 3.06 | 32.43 | --- | --- | Peak |
| 7 | 848.68 | 31.49 | -14.51 | 46.00 | 29.24 | 31.04 | 3.27 | 32.06 | --- | --- | Peak | |
| 8 | 2622.00 | 41.82 | -32.18 | 74.00 | 27.53 | 66.36 | 6.00 | 58.07 | --- | --- | Peak | |
| 9 | 4694.00 | 42.75 | -31.25 | 74.00 | 31.08 | 61.71 | 8.40 | 58.44 | --- | --- | Peak | |
| 10 | 6978.00 | 45.59 | -28.41 | 74.00 | 35.11 | 59.03 | 11.11 | 59.66 | --- | --- | Peak | |
| 11 | 8102.00 | 48.57 | -25.43 | 74.00 | 37.00 | 59.36 | 11.55 | 59.34 | --- | --- | Peak | |
| 12 | 10730.00 | 49.27 | -24.73 | 74.00 | 39.59 | 55.62 | 13.30 | 59.24 | --- | --- | Peak | |
| 13 | 12972.00 | 49.91 | -24.09 | 74.00 | 38.90 | 54.35 | 15.18 | 58.52 | --- | --- | Peak | |
| 14 | 17845.00 | 49.74 | -24.26 | 74.00 | 45.47 | 43.89 | 18.64 | 58.26 | --- | --- | Peak | |
| 15 | 29664.00 | 50.10 | -23.90 | 74.00 | 40.37 | 39.70 | 24.96 | 54.93 | 100 | 0 | Peak | |



| | | | |
|-----------------|--------------|---------------------|------------|
| Mode : | Mode 6 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Horizontal |

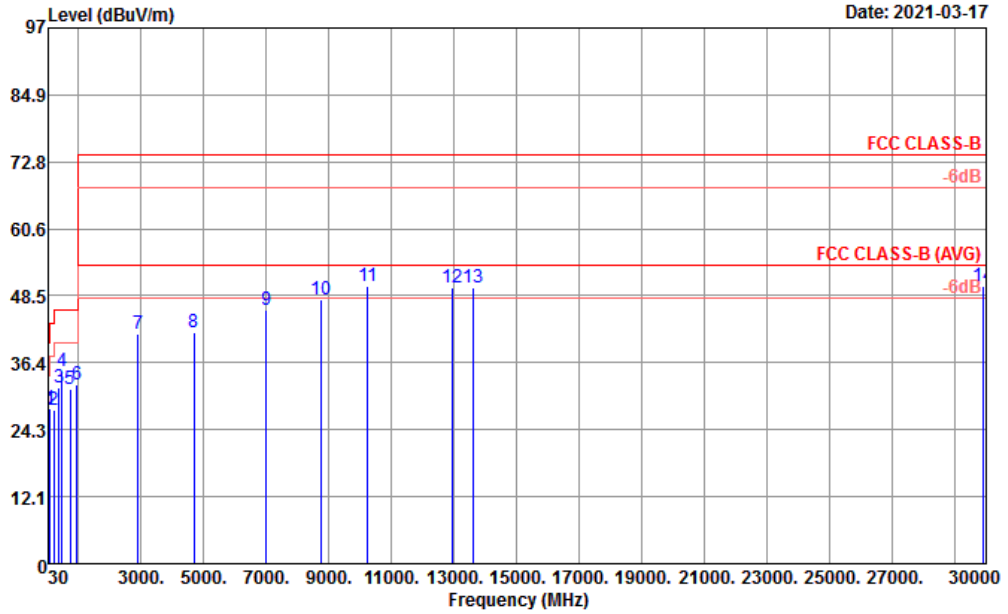


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : OD2217
 Power : From System
 Mode : 6
 : eMMC to NB

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 85.29 | 27.72 | -12.28 | 40.00 | 14.00 | 45.27 | 1.05 | 32.60 | --- | --- | Peak |
| 2 | 155.13 | 28.33 | -15.17 | 43.50 | 16.74 | 42.72 | 1.41 | 32.54 | --- | --- | Peak |
| 3 | 321.97 | 33.11 | -12.89 | 46.00 | 19.54 | 43.97 | 2.01 | 32.41 | --- | --- | Peak |
| 4 | 379.20 | 33.82 | -12.18 | 46.00 | 21.12 | 42.91 | 2.18 | 32.39 | --- | --- | Peak |
| 5 | 480.08 | 38.00 | -8.00 | 46.00 | 23.55 | 44.43 | 2.46 | 32.44 | 100 | 0 | Peak |
| 6 | 955.38 | 32.17 | -13.83 | 46.00 | 30.93 | 28.92 | 3.49 | 31.17 | --- | --- | Peak |
| 7 | 2824.00 | 42.41 | -31.59 | 74.00 | 27.95 | 66.27 | 6.30 | 58.11 | --- | --- | Peak |
| 8 | 4822.00 | 42.57 | -31.43 | 74.00 | 31.00 | 61.45 | 8.59 | 58.47 | --- | --- | Peak |
| 9 | 6976.00 | 45.98 | -28.02 | 74.00 | 35.10 | 59.44 | 11.10 | 59.66 | --- | --- | Peak |
| 10 | 8764.00 | 48.42 | -25.58 | 74.00 | 37.63 | 58.86 | 11.88 | 59.95 | --- | --- | Peak |
| 11 | 10988.00 | 49.67 | -24.33 | 74.00 | 40.01 | 54.87 | 13.50 | 58.71 | --- | --- | Peak |
| 12 | 11404.00 | 49.94 | -24.06 | 74.00 | 39.60 | 55.14 | 13.83 | 58.63 | --- | --- | Peak |
| 13 | 14265.00 | 50.01 | -23.99 | 74.00 | 41.30 | 50.44 | 16.25 | 57.98 | --- | --- | Peak |
| 14 | 29628.00 | 50.03 | -23.97 | 74.00 | 40.40 | 39.78 | 24.93 | 55.08 | 100 | 0 | Peak |



| | | | |
|-----------------|--------------|---------------------|----------|
| Mode : | Mode 6 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Vertical |

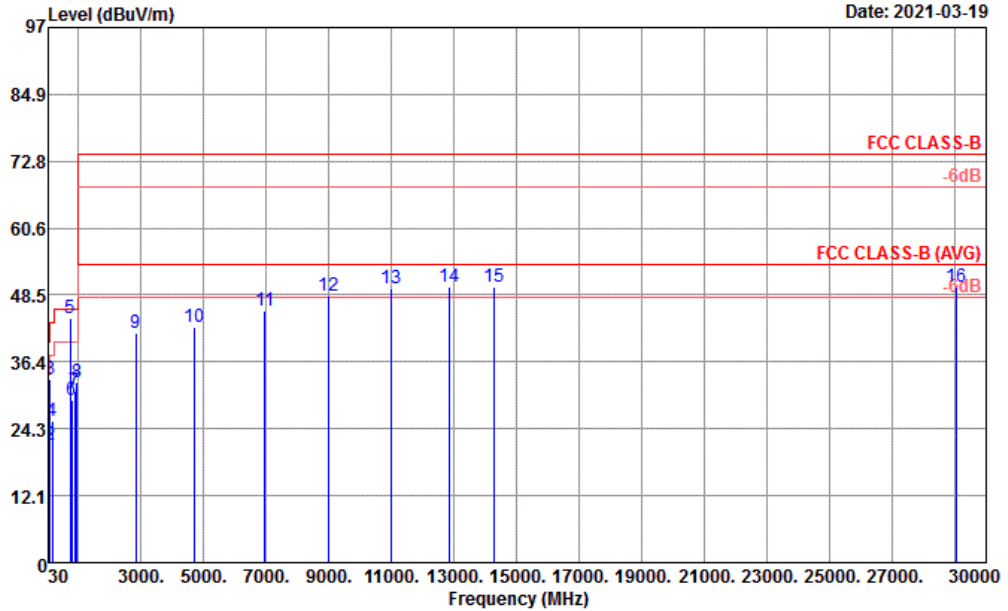


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : OD2217
 Power : From System
 Mode : 6
 : eMMC to NB

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 86.26 | 28.17 | -11.83 | 40.00 | 14.12 | 45.59 | 1.06 | 32.60 | --- | --- | Peak |
| 2 | 200.72 | 27.76 | -15.74 | 43.50 | 14.95 | 43.72 | 1.59 | 32.50 | --- | --- | Peak |
| 3 | 375.32 | 31.78 | -14.22 | 46.00 | 21.00 | 41.00 | 2.17 | 32.39 | --- | --- | Peak |
| 4 | 480.08 | 34.84 | -11.16 | 46.00 | 23.55 | 41.27 | 2.46 | 32.44 | 100 | 0 | Peak |
| 5 | 741.01 | 31.64 | -14.36 | 46.00 | 28.41 | 32.60 | 3.06 | 32.43 | --- | --- | Peak |
| 6 | 938.89 | 32.37 | -13.63 | 46.00 | 30.07 | 30.19 | 3.46 | 31.35 | --- | --- | Peak |
| 7 | 2902.00 | 41.60 | -32.40 | 74.00 | 28.11 | 65.20 | 6.41 | 58.12 | --- | --- | Peak |
| 8 | 4694.00 | 41.98 | -32.02 | 74.00 | 31.08 | 60.94 | 8.40 | 58.44 | --- | --- | Peak |
| 9 | 6994.00 | 45.97 | -28.03 | 74.00 | 35.18 | 59.30 | 11.16 | 59.67 | --- | --- | Peak |
| 10 | 8732.00 | 47.96 | -26.04 | 74.00 | 37.56 | 58.43 | 11.87 | 59.90 | --- | --- | Peak |
| 11 | 10230.00 | 50.18 | -23.82 | 74.00 | 39.23 | 58.18 | 12.90 | 60.13 | --- | --- | Peak |
| 12 | 12938.00 | 50.05 | -23.95 | 74.00 | 38.90 | 54.59 | 15.15 | 58.59 | --- | --- | Peak |
| 13 | 13595.00 | 50.08 | -23.92 | 74.00 | 40.09 | 51.85 | 15.74 | 57.60 | --- | --- | Peak |
| 14 | 29892.00 | 50.30 | -23.70 | 74.00 | 40.30 | 40.02 | 25.09 | 55.11 | 100 | 0 | Peak |



| | | | |
|-----------------|----------------------------------------------------------------------------------------------|---------------------|------------|
| Mode : | Mode 7 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Horizontal |
| Remark : | #3 is FM signal which can be ignored. #5 is system simulator signal which can be ignored. | | |

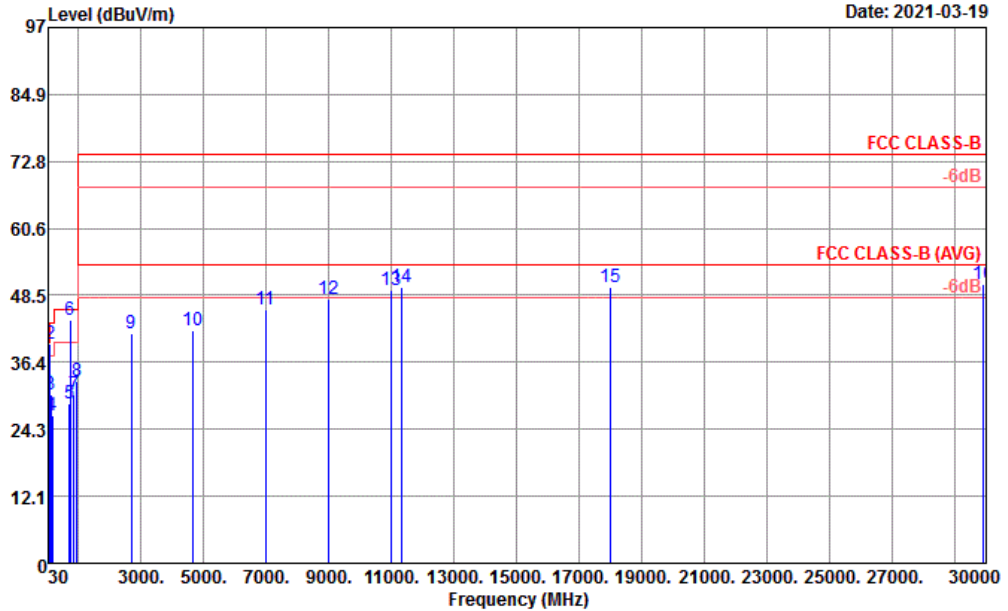


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 7

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 41.64 | 21.97 | -18.03 | 40.00 | 18.69 | 35.18 | 0.74 | 32.64 | --- | --- | Peak |
| 2 | 80.44 | 21.28 | -18.72 | 40.00 | 13.40 | 39.47 | 1.02 | 32.61 | --- | --- | Peak |
| 3 | 97.90 | 33.35 | | | 15.65 | 49.16 | 1.13 | 32.59 | --- | --- | Peak |
| 4 | 159.98 | 25.61 | -17.89 | 43.50 | 16.45 | 40.27 | 1.43 | 32.54 | --- | --- | Peak |
| 5 | 740.00 | 44.23 | | | 28.39 | 45.21 | 3.06 | 32.43 | --- | --- | Peak |
| 6 | 780.78 | 29.51 | -16.49 | 46.00 | 28.58 | 30.15 | 3.16 | 32.38 | --- | --- | Peak |
| 7 | 878.75 | 31.18 | -14.82 | 46.00 | 28.95 | 30.78 | 3.33 | 31.88 | --- | --- | Peak |
| 8 | 956.35 | 32.70 | -13.30 | 46.00 | 30.96 | 29.41 | 3.49 | 31.16 | 100 | 0 | Peak |
| 9 | 2822.00 | 41.70 | -32.30 | 74.00 | 27.94 | 65.57 | 6.30 | 58.11 | --- | --- | Peak |
| 10 | 4714.00 | 42.56 | -31.44 | 74.00 | 31.07 | 61.49 | 8.44 | 58.44 | --- | --- | Peak |
| 11 | 6960.00 | 45.79 | -28.21 | 74.00 | 35.04 | 59.36 | 11.05 | 59.66 | --- | --- | Peak |
| 12 | 8988.00 | 48.39 | -25.61 | 74.00 | 37.48 | 58.73 | 12.44 | 60.26 | --- | --- | Peak |
| 13 | 10968.00 | 49.65 | -24.35 | 74.00 | 40.03 | 54.90 | 13.48 | 58.76 | --- | --- | Peak |
| 14 | 12868.00 | 50.02 | -23.98 | 74.00 | 38.87 | 54.80 | 15.09 | 58.74 | --- | --- | Peak |
| 15 | 14265.00 | 50.01 | -23.99 | 74.00 | 41.30 | 50.44 | 16.25 | 57.98 | --- | --- | Peak |
| 16 | 29052.00 | 50.07 | -23.93 | 74.00 | 40.34 | 39.77 | 24.58 | 54.62 | 100 | 0 | Peak |



| | | | |
|-----------------|----------------------------------------------------------------------------------------------|---------------------|----------|
| Mode : | Mode 7 | Temperature : | 22~23°C |
| Test Engineer : | Johnny Hsieh | Relative Humidity : | 59~60% |
| Test Distance : | 3m | Polarization : | Vertical |
| Remark : | #2 is FM signal which can be ignored. #6 is system simulator signal which can be ignored. | | |



Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 0D2217
 Power : 120Vac/60Hz
 Mode : 7

| | Freq | Level | Over Limit | Limit | Antenna Line Factor | Read Level | Cable Loss | Preamp Factor | A/Pos | T/Pos | Remark |
|----|----------|--------|------------|--------|---------------------|------------|------------|---------------|-------|-------|--------|
| | MHz | dBuV/m | dB | dBuV/m | dB/m | dBuV | dB | dB | cm | deg | |
| 1 | 42.61 | 30.78 | -9.22 | 40.00 | 18.07 | 44.60 | 0.75 | 32.64 | 100 | 0 | Peak |
| 2 | 97.90 | 39.61 | | | 15.65 | 55.42 | 1.13 | 32.59 | --- | --- | Peak |
| 3 | 102.75 | 30.49 | -13.01 | 43.50 | 16.23 | 45.70 | 1.15 | 32.59 | --- | --- | Peak |
| 4 | 158.04 | 26.77 | -16.73 | 43.50 | 16.63 | 41.26 | 1.42 | 32.54 | --- | --- | Peak |
| 5 | 720.64 | 28.83 | -17.17 | 46.00 | 27.37 | 30.91 | 3.01 | 32.46 | --- | --- | Peak |
| 6 | 740.00 | 44.18 | | | 28.39 | 45.16 | 3.06 | 32.43 | --- | --- | Peak |
| 7 | 841.89 | 30.65 | -15.35 | 46.00 | 29.15 | 30.34 | 3.26 | 32.10 | --- | --- | Peak |
| 8 | 948.59 | 32.87 | -13.13 | 46.00 | 30.58 | 30.05 | 3.48 | 31.24 | --- | --- | Peak |
| 9 | 2678.00 | 41.52 | -32.48 | 74.00 | 27.76 | 65.75 | 6.09 | 58.08 | --- | --- | Peak |
| 10 | 4666.00 | 42.04 | -31.96 | 74.00 | 30.96 | 61.15 | 8.36 | 58.43 | --- | --- | Peak |
| 11 | 6984.00 | 45.99 | -28.01 | 74.00 | 35.14 | 59.38 | 11.13 | 59.66 | --- | --- | Peak |
| 12 | 8970.00 | 47.86 | -26.14 | 74.00 | 37.44 | 58.27 | 12.39 | 60.24 | --- | --- | Peak |
| 13 | 10968.00 | 49.51 | -24.49 | 74.00 | 40.03 | 54.76 | 13.48 | 58.76 | --- | --- | Peak |
| 14 | 11346.00 | 49.98 | -24.02 | 74.00 | 39.49 | 55.35 | 13.78 | 58.64 | --- | --- | Peak |
| 15 | 17980.00 | 49.87 | -24.13 | 74.00 | 48.16 | 41.38 | 18.74 | 58.41 | --- | --- | Peak |
| 16 | 29916.00 | 50.55 | -23.45 | 74.00 | 40.30 | 40.27 | 25.11 | 55.13 | 100 | 0 | Peak |

————THE END————